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ESTABLISHED
1875

ONE OF
**AMERICA'S FOREMOST
NURSERIES**

53rd YEAR
OF
ACTIVE SERVICE
by *E. Welch*
PRESIDENT

**FALL
WHOLESALE
TRADE LIST**

September 20, 1943

Order Early
as
Labor Is Limited
and
Deliveries Slow

Phones 384-385
Wire Western Union

MOUNT ARBOR NURSERIES

SHENANDOAH, IOWA

Terms and Conditions of Sale

TERMS—2% Discount for cash if paid on or before 10th of month following date of invoice, and is due NET 30 days thereafter. Interest charged on past due accounts.

These terms are offered to those with established credit; otherwise cash, security, or satisfactory references. C. O. D. orders must be accompanied by one-fourth cash.

PRICES named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS (INCLUDING PEONIES AND LILIES):

300 or more at 1,000 rate (where published)
30 to 300 at 100 rate
Under 30 at 10 rate

All grades and varieties in any one class allowed to make total. For example: All Fruit Trees are considered one class, all shrubs one class, etc.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1,000 rates
Under 300 of same variety and grade at 100 rate

EVERGREENS, B & B
30 trees (any assortment) at 100 rate
5 trees (any assortment) at 10 rate

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) at 1,000 rate
Under 300 bulbs at 100 rates

Note:—Classifications as given above are understood to be as listed under general headings in price list. (Broken lots of less than 10 of any one variety and grade will be billed at 20% above 10 rate.)

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. All goods travel at the purchaser's risk and expense.

TRUCK SERVICE—We are able to offer truck service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All contracts are subject to war priorities on materials, transportation and other causes arising that may limit, restrict or make impossible performance thereunder.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

Claims for any cause must be made promptly on receipt of stock. We will not entertain claims after goods have been once accepted, or when report is not made within Ten Days after arrival of stock. We express or imply no warranty as to the productiveness or life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use every effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.

SEPTEMBER 20, 1943

MOUNT ARBOR NURSERIES

E. S. WELCH, Pres.

H. S. WELCH, Vice-Pres.

R. M. GWYNN, Secy.-Treas.

Due to a strong demand for fruit trees and small fruit plants, and to our supply being more limited than usual, regret we are unable to offer (with the exception of Apple) only with ornamentals. When our digging and grading is completed, we may have more to offer of some varieties.

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that THE CALIPER SHALL GOVERN.

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
First Class, 11-16 to $\frac{7}{8}$ -inch, 4½ feet and up-----	\$5.00	\$45.00	\$400.00
“ “ 9-16 to 11-16, 4 feet and up-----	4.20	36.00	325.00
“ “ 7-16 to 9-16, 3 feet and up-----	3.20	28.00	250.00
“ “ 5-16 to 7-16, 2 feet and up-----	2.40	20.00	180.00
“ “ $\frac{7}{8}$ -inch and up, 5 feet and up-----	5.50	50.00	-----
Anoka	*Joan	*Ramsdell Sweet	
Banana	Jonathan	Red Astrachan	
Beacon (Minnesota No. 423)	*Jonathan Dark Red	*Red June	
Ben Davis	Kendall	R. I. Greening	
Black Ben Davis	*King of T. Co.	Rome Beauty	
Chenango	Liveland	Rome Beauty Red	
Cortland	Macoun	Salome	
Delicious	Maiden Blush	*Secor	
Delicious Dark Red	Mam. Black Twig	Sharon	
Delicious Yellow	McIntosh	Stayman Red	
Dolgo	McIntosh, Black Mickey	Stayman Winesap	
Duchess	McIntosh Early	Sweet Bough	
*Duchess Red	Melba	Sweet Russett Crab	
Dudley	Milton	Tetofski	
Early Harvest	Minjon (Minnesota No. 700)	Tolman Sweet	
*Edgewood	Minnesota No. 993	Transcendent Crab	
*Fameuse	Minnesota No. 240	Turley	
Flame Crab (Minnesota No. 635)	Minnesota No. 638	Virginia Crab	
Florence Crab	Minnesota No. 790	*Wealthy	
Forest Winter	Minnesota No. 714	Whitney Crab	
Golden Russet	Missouri Pippin	Windsor Chief	
Gravenstein Red	Northern Spy	Winesap	
Grimes Golden	Northern Spy Red	*Winesap Crimson	
Haralson	N. W. Greening	Wolf River	
*Hawkeye Greening	Perkins	*Yellow Transparent	
Hibernal	Pewaukee	York Imperial	
Hyslop Crab	Prairie Spy (Minnesota No. 1007)		

Varieties starred () can be furnished in budded trees

DESCRIPTIONS—NEW AND SPECIAL VARIETIES

Beacon (Minnesota No. 432), vigorous and extremely hardy Minnesota seedling. Fruit deep red; flesh yellowish and quality good. Duchess season but a better keeper.

Dolgo, hardy fiery red Crab, desirable for culinary uses; bears young and abundantly. Good for ornamental purposes.

Flame Crab, (Minnesota No. 635), a hardy Minnesota seedling producing a dense mass of white flowers shaded faint pink, followed by an immense load of small, brilliantly colored fruits of excellent quality.

Hawkeye Greening, annually productive, hardy, large green apple. October to March; one of the best apples for culinary use.

Hibernal, a hardy variety used exclusively as an understock for top-working purposes. **Joan**, an Iowa cross of Anisim and Jonathan; a productive large red apple of beautiful color. Popular for home market.

Kendall, a cross between McIntosh and Zusoff. Fruit a solid dark red; McIntosh season and a better keeper.

Macoun, dark red, less striped, white fleshed, highly flavored McIntosh type of apple. Ripens 30 days later than McIntosh. Regular heavy bearer.

McIntosh Black Mickey, superior dark red and early coloring strain from western New York. Highly recommended.

McIntosh Early, ripens six weeks before McIntosh; two weeks later than Transparent. Handsome red color and pleasing taste.

Melba, a McIntosh seedling from Canada. Color bright crimson over pale yellow. Season ahead of Early McIntosh and variety is adapted for home market.

Milton, cross of Transparent and McIntosh ripening in Wealthy season. Tree hardy and vigorous. Fruit pinkish-red, flesh white with McIntosh flavor and aroma.

Minjon (Minnesota No. 700), a fall and early winter apple of about Wealthy season but a slightly better keeper; size medium, comparable to Jonathan. Color dark attractive red; flesh yellowish; flavor mild sub-acid; quality good. Very hardy

APPLE and CRAB—Continued

Minnesota No. 993, large mid-to-late winter apple, medium red color over a greenish yellow. Quality very good.

Minnesota No. 240, large high quality dessert Crab, keeping well into November. Color, light red blush or striped over yellow; flesh yellow.

Minnesota No. 638, fair size, mid-winter apple; dark red; flesh medium coarse; flavor mildly sub-acid; quality good. Late in maturing and hangs to tree well.

Minnesota No. 790, large mid-winter apple of M. B. Twig type. Its dull red color gives it a rich appearance. Quality good, excellent cooking and a very satisfactory dessert apple.

Minnesota No. 714, early summer apple, medium or above in size and bright red stripe over yellow, well colored ground. Quality good.

Prairie Spy (Minnesota No. 1007), medium size, late winter apple shaped like Wealthy but late in maturing and not ready for use until about Christmas. Color bright red over a yellow ground. Excellent keeper and of great promise.

Secor, an Iowa introduction of about Jonathan season, of superior quality but not as red as Jonathan. Better keeper and hangs to tree well. Variety adapted to Jonathan territory.

Sharon, new Iowa introduction of good quality and extremely hardiness. Excellent for home plantings. Color is striped red and green. Good keeper and disease resistant. A McIntosh cross.

Virginia Crab, a hardy variety used exclusively as an understock for top-working purposes.

Winesap Crimson, a gorgeous colored dark crimson Winesap sport averaging larger in size than the parent, the common Winesap. Originated in the Yakima Valley, Washington. Keeps in an ordinary outdoor cave until the middle of June.

APPLE—Whips, Grafts
(Available Spring Only)

These one year trees have good caliper for the height and are exceptionally well rooted.

		Per 10	Per 100	Per 1000
One Year, 4 feet and up, whips		\$2.90	\$25.00	\$220.00
" " 3 feet and up, whips		2.40	20.00	180.00
" " 2 feet and up, whips		1.90	16.00	140.00
Delicious Dark Red	Grimes Golden		Yellow	Transparent
Delicious Yellow	Jonathan Dark Red			

APPLE—Top Worked
On Hibernal and Virginia Crab

		Per 10	Per 100	Per 1000
Three Year, 11-16 and up, 3½ feet and up		\$11.00	\$100.00	\$ -----
" " 9-16 to 11-16, 3 feet and up		8.50	80.00	-----
On Hibernal	On Virginia		On Virginia	
Delicious Dark Red	Delicious Dark Red		Grimes Golden	
Delicious Yellow	Delicious Yellow		Jonathan	

CHERRIES—Sour—On Mahaleb

		Per 10	Per 100	Per 1000
Two Years, 11-16 to 1-inch, 4 feet and up		\$7.00	\$65.00	\$ -----
" " 9-16 to 11-16, 3½ feet and up		6.00	55.00	-----
" " 7-16 to 9-16, 3 feet and up		4.50	40.00	-----
" " 1 to 1¼ inch, 5 feet and up		8.00	75.00	-----
Early Richmond	Montmorency		Large	
English Morello	Royal Duke			
			Wragg	

		Per 10	Per 100	Per 1000
One Year, 11-16 and up, 3½ feet and up		\$7.00	\$65.00	\$ -----
" " 9-16 to 11-16, 3 feet and up		6.00	55.00	-----
" " 7-16 to 9-16, 2½ feet and up		4.50	40.00	-----
Early Richmond	Montmorency		Large	
English Morello	Royal Duke			
			Wragg	

CHERRIES—Sweet

		Per 10	Per 100	Per 1000
One Year on Mahaleb.				
9-16 to 11-16, 4 feet and up, branched and whips		\$6.50	\$---	\$---
7-16 to 9-16, 3 feet and up, whips and branched		5.50	---	---

Bing
Black Tartarian
Gov. Wood

Lambert
Napoleon
Schmidts Big

Windsor
Yellow Glass

HANSEN'S BUSH CHERRY

		Per 10	Per 100	Per 1000
Improved besseyi, 12 to 18 inches, transplants		\$1.20	\$10.00	\$---
" " 18 to 24 inches, transplants		1.80	15.00	---
" " 2 to 3 feet, transplants		2.40	20.00	---
" " 3 to 4 feet, transplants		2.90	25.00	---
" " 12 to 18 inches, seedlings		3.20	28.00	---
" " 18 to 24 inches, seedlings		4.50	40.00	---

PEAR—Standard

		Per 10	Per 100	Per 1000
Two Years, 11-16 and up, 4½ feet and up		\$6.50	\$---	\$---
" " 9-16 to 11-16, 4 feet and up		5.50	---	---
" " 7-16 to 9-16, 3 feet and up		4.50	---	---

Bantam (Minn. No. 3)
Bartlett
B. de Anjou
Beurre Bosc
Bierschmidt
Clapps Favorite

Douglas
Duchess
Flemish Beauty
Garber
Kieffer
Lincoln

Mendel
Parker
Patten
Seckel
Waite

Bantam (Minn. No. 3), a medium sized pear reported to be immune from blight and ripening early in season. Very hardy.

Waite, a blight resistant variety, ripening in Kieffer season, almost as large as Bartlett, which it resembles in shape. Flesh is smooth in texture; a little more acid than Bartlett, but excellent for cooking, canning and fairly good for dessert. Needs pollinization.

PEAR—DWARF

		Per 10	Per 100	Per 1000
Two Years, ½ and up		\$6.50	\$---	\$---
" " ½ to 5/8		5.00	---	---
Bartlett Duchess	Kieffer	Seckel		

PLUM

		Per 10	Per 100	Per 1000
11-16 and up, 4½ feet and up		\$6.50	\$---	\$---
9-16 to 11-16, 4 feet and up		5.50	---	---
7-16 to 9-16, 3½ feet and up		4.50	---	---
5-16 to 7-16, 2½ feet and up		3.50	---	---

AMERICAN and HARDY HYBRIDS, One and Two Years, on Native Roots

Compass	LaCrescent	Superior (Minn. 194)
Elliott	Minnesota No. 133	Surprise
Ember (Minn. No. 83)	Monitor	Tecumseh
Fiebing	Oka	Terry's DeSoto
Golden Rod	Omaha	Toka
Hanska	Opata	Underwood
Kaga	Red Wing	Waneta
Kahinta	Sapa	Zumbra

Ember, (Minnesota No. 83), an attractive yellow Plum blushed with red, ripening September and early October. Tree is vigorous and productive.

Minnesota No. 133, large, fine quality, early red plum ripening Underwood season. Color rich, dark red, yellow flesh.

PLUM

		Per 10	Per 100	Per 1000
Two Years, 11-16 and up, 4½ feet and up		\$7.00	\$----	\$----
" " 9-16 to 11-16, 4 feet and up		5.50	----	----
" " 7-16 to 9-16, 3 feet and up		4.50	----	----

EUROPEAN, Two Years, on Myrobolan

Bradshaw	Lombard	
German Prune	Monarch	
Green Gage	President	
Italian Prune	Shipper's Pride	

Shrop Damson
Stanley Prune
Yellow Egg

JAPAN, One and Two Years, on Myrobolan

Abundance	Burbank	
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APRICOTS

		Per 10	Per 100	Per 1000
One Year, 9-16 to 11-16, 3½ feet and up		\$5.50	\$----	\$----
" " 7-16 to 9-16, 3 feet and up		4.50	----	----
" " 5-16 to 7-16, 2 feet and up		3.50	----	----

Alexander	Manchu	
Budd	Mandarin	
Chinese	Moorpark	

Scout
Sing
Superb

PEACH

		Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4 feet and up		\$4.50	\$----	\$----
" " 9-16 to 11-16, 3½ feet and up		4.00	----	----
" " 7-16 to 9-16, 3 feet and up		3.20	----	----
" " 5-16 to 7-16, 2 feet and up		2.40	20.00	----
" " 2 to 3 feet, under 5-16		1.80	15.00	----

Belle of Georgia	Halehaven	
Champion	Heath Cling	
Early Alberta	J. H. Hale	
Early Wheeler	Mayflower	
Elberta	Polly	
Golden Jubilee	*Redhaven	

Rochester
Shipper's Late Red
South Haven
Valiant
Vedette

*Redhaven prices 5¢ higher per grade.

Polly, extremely hardy Iowa variety; fruit large, blushed, free-stone; ripening a few days ahead of Elberta. Flesh white and good flavor.

Redhaven, an introduction of South Haven, Michigan Experimental Station; an early Peach ripening thirty days before Elberta with excellent color and fine flavor, comparable with Halehaven.

Valiant, a Canadian introduction; an improved Elberta of merit; more highly colored; better quality; two weeks earlier; free-stone.

Vedette, a Canadian seedling of Elberta; ripening three weeks earlier. More highly colored and better quality.

QUINCE

		Per 10	Per 100	Per 1000
5/8 and up		\$6.50	\$----	\$----
3/2 to 5/8		5.50	----	----

Champion	Orange	
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MULBERRY

		Per 10	Per 100	Per 1000
Russian, 8 to 10 feet, branched		\$6.00	\$----	\$----
" 6 to 8 feet, branched		5.00	45.00	----
" 5 to 6 feet, branched		3.50	30.00	----
" 4 to 5 feet, branched		2.40	20.00	----

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SMALL FRUITS**GRAPE VINES—Western New York Grown**

		Per 100	Per 1000
Agawam (Roger's 15)	large red, 2 years, No. 1	\$ 9.00	\$ 80.00
" "	" 2 years, No. 2	7.00	60.00
Beta	black, 2 years, No. 1	9.00	80.00
" "	" 2 years No. 2	7.00	60.00
Brighton	dark red, 2 years, No. 1	9.00	-----
" "	" 2 years, No. 2	7.00	-----
Caco	red, 2 years, No. 1	12.00	100.00
" "	" 2 years, No. 2	8.50	75.00
Campbell's Early	choice black, 2 years, No. 1	9.00	-----
" "	" " 2 years, No. 2	7.00	-----
Catawba	red, 2 years, No. 1	9.00	80.00
" "	" 2 years, No. 2	7.00	60.00
Concord	black, 2 years, No. 1	8.00	70.00
" "	" 2 years, No. 2	5.60	50.00
Delaware	red, 2 years, No. 1	10.00	85.00
" "	" 2 years, No. 2	7.50	65.00
Diamond	white, 2 years, No. 1	9.00	80.00
" "	" 2 years, No. 2	7.00	60.00
Fredonia	new, early, black, valuable, 2 years, No. 1	9.00	80.00
" "	" " " 2 years, No. 2	7.00	60.00
Golden Muscat	golden, 2 years, No. 1	35.00	-----
" "	" 2 years, No. 2	30.00	-----
Moore's Early	black, 2 years, No. 1	10.00	85.00
" "	" 2 years, No. 2	7.50	65.00
Niagara	white, 2 years, No. 1	9.00	80.00
" "	" 2 years, No. 2	7.00	60.00
Portland	white, 2 years, No. 1	10.00	85.00
" "	" 2 years, No. 2	7.50	65.00
Sheridan	black, 2 years, No. 1	12.00	-----
" "	" 2 years, No. 2	9.00	-----
Worden	black, 2 years, No. 1	9.00	80.00
" "	" 2 years, No. 2	7.00	60.00

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
Carrie	purplish-red, 2 years, No. 1	\$14.00	\$ -----
" "	" 2 years, No. 2	10.00	-----
Champion	green, 2 years, No. 1	14.00	-----
" "	" 2 years, No. 2	10.00	-----
Glendale	reddish-purple, 2 years, No. 1	14.00	-----
" "	" 2 years No. 2	10.00	-----
Houghton	dark red, 2 years, No. 1	12.00	-----
" "	" 2 years, No. 2	9.00	-----
Josselyn	reddish-green, 2 years, No. 1	14.00	-----
" "	" 2 years, No. 2	10.00	-----

CURRENTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
Cherry	dark red, 2 years, No. 1	\$10.00	\$ 90.00
" "	" 2 years, No. 2	7.50	65.00
Fay's Prolific	dark red, 2 years, No. 1	10.00	90.00
" "	" 2 years, No. 2	7.50	65.00
Perfection	bright red, 2 years, No. 1	14.00	120.00
" "	" 2 years, No. 2	10.00	90.00

Red Lake	light red, 2 years, No. 1	16.00	140.00
" "	" 2 years, No. 2	12.00	100.00

White Grape	white, 2 years, No. 1	12.00	100.00
" "	" 2 years, No. 2	8.50	75.00
Wilder	dark red, 2 years, No. 1	10.00	90.00
" "	" 2 years, No. 2	7.50	65.00

SMALL FRUITS—Continued

RASPBERRIES

	Tied 25 per bundle	Per 100	Per 1000
Chief, red suckers, No. 1		\$ 4.00	\$ —
Columbian, purple, tips		3.50	30.00
Cumberland, black, tips		2.90	25.00
Indian Summer, red, suckers, No. 1		5.00	—
Latham, red, suckers, No. 1		4.00	—
Logan, black, tips		3.20	28.00
Morrison, (New), black, tips		4.00	35.00

This new blackcap is much larger than Cumberland and is shiny jet-black in color. Vigorous and disease resistant.

Newberg, red, suckers, No. 1		4.00	—
St. Regis, red, suckers, No. 1		4.00	—
Sodus, purple, tips		4.50	40.00
Sunrise, (New), red, suckers, No. 1		5.00	—
Taylor, red, suckers, No. 1		4.00	—

Washington (New), red, suckers, No. 1		3.50	30.00
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Valuable commercial variety recently introduced in the State of Washington, and is highly recommended as an abundant producer of high quality fruit suitable for freezing, canning or for the fresh market. Almost everbearing. Available Spring Only.

BLACKBERRIES—Root Cutting Plants, No. 1

Tied 25 per bundle

	Per 100	Per 1000	Per 100	Per 1000	
Alfred	\$ 3.20	\$ 28.00	Iceberg	\$ 2.90	\$ 25.00
Early Harvest	2.90	25.00	Mersereau	3.20	28.00
Eldorado	3.20	28.00	Snyder	3.20	28.00

MISCELLANEOUS BERRIES

	Per 100	Per 1000
Boysenberry, tip plants, No. 1	\$ 7.00	\$ 60.00
Lucretia Dewberries, tip plants, No. 1	2.90	25.00
“ “ R. C. Plants, No. 1	3.50	30.00
Youngberry, tip plants, No. 1	4.00	35.00
“ R. C. plants, No. 1	5.00	45.00

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Mary Washington, 2 year	\$ 1.80	\$ 15.00
“ “ 1 year	1.20	10.00
“ Paradise, 2 year	2.10	18.00
“ “ 1 year	1.70	14.00
Horseradish, Cuttings	2.40	20.00
“ Crowns	5.50	50.00
Rhubarb, Victoria, whole roots, $\frac{1}{2}$ to $\frac{5}{8}$ inch	2.40	20.00
“ “ “ $\frac{5}{8}$ to 1-inch	2.90	25.00
“ “ “ 1 to $1\frac{1}{2}$ inch	4.00	35.00
“ “ “ $1\frac{1}{2}$ -inch and up	5.60	50.00

	Per 10	Per 100
Rhubarb, Chipman's Red, grown from divisions	\$ 5.50	\$ 50.00
Rhubarb, McDonald, grown from divisions	2.90	25.00
Rhubarb, Ruby Red, grown from divisions	2.90	25.00

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SMALL FRUITS—Continued**STRAWBERRIES—Shenandoah Grown**

	Per 100	Per 1000		Per 100	Per 1000		
Blakemore	\$0.70	\$6.00	Premier	.....	\$0.90	\$8.00
Dorsett90	8.00	Senator Dunlap	.....	.70	6.00
Fairfax90	8.00				
Gem EVERBEARING					1.40	12.00
Mastodon EVERBEARING					1.80	15.00

FRUIT TREE STOCKS—American Grown

We specialize in growing and distributing fruit tree stocks, maintaining an extensive plant in the State of Washington.

We have been engaged in the seedling business for over 50 years and know how to grow and handle them. Our seedlings are kept well sprayed during the growing season; are healthy, thrifty and not dug until well ripened. Our many satisfied customers are proof our seedlings will give satisfaction.

WESTERN GROWN—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown apple seedlings for our grafting and for budding stocks. Also use the other varieties of western grown fruit tree stocks for our own budding.

Grades—We make strong grades that please our customers.

PRICES—Are for shipment from Shenandoah, subject to our usual terms and to change without notice. We also are able to make shipments direct from our growing plant, if desired, and to offer our Eastern customers delivery in car lots to various points.

APPLE SEEDLINGS—Washington Grown

		Per 100	Per 1000
¼-inch and up, Branched, heavy	.....	\$ 2.90	\$ 26.00
¼-inch and up, Straight, heavy	.....	2.50	22.00
No. 1, 3-16 to 1-4 inch, Branched, strong	.....	2.50	22.00
No. 1, 3-16 and up, Straight, strong	.....	2.40	20.00
Special or Stub Grade, 3-16 and up, strong	.....	1.70	14.00
No. 2, 2-16 to 3-16, Branched, strong	.....	1.80	15.00
No. 2, 2-16 to 3-16, Straight, strong	.....	1.70	14.00
No. 3, about 2-16	.....	1.20	10.00

CHERRY MAHALEB**PEAR SEEDLINGS—BARTLETT****PLUM MYROBOLAN****PLUM NATIVE**

Due to limited supply, we have discontinued booking orders. After seedlings are dug and graded, we may have some grades to offer.

ROSE STOCKS**MULTIFLORA JAPONICA—SEEDLINGS—Shenandoah Grown**

		Per 100	Per 1000
No. 2, 2-16 to 3-16	.....	\$ 1.20	\$ 10.00
No. 3, about 2-16	.....	.80	7.00

PEACH PITS, California Lovells, F. O. B. Shenandoah, Iowa.
1943 crop, averaging 4300 pits per 50-lb. bu. \$3.00 per bu.

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 and smaller, 100 per bundle.

		Per 100	Per 1000
ASH, GREEN, <i>Fraxinus lanceolata</i>			
6 to 12 inches		\$ 0.60	\$ 5.00
12 to 18 inches		.90	8.00
18 to 24 inches		1.30	11.00
2 to 3 feet		1.70	14.00
3 to 4 feet		2.10	18.00
4 to 5 feet		2.90	25.00
5 to 6 feet		5.00	-----
ASH, WHITE, <i>Fraxinus americana</i>			
12 to 18 inches		.90	8.00
18 to 24 inches		1.40	12.00
2 to 3 feet		1.80	15.00
3 to 4 feet		2.40	20.00
4 to 5 feet		3.00	28.00
5 to 6 feet		5.00	-----
BOX ELDER, <i>Acer negundo</i>			
6 to 12 inches		.60	5.00
12 to 18 inches		.90	8.00
18 to 24 inches		1.40	12.00
BUCKTHORN, <i>Rhamnus cathartica</i>			
12 to 18 inches		1.70	14.00
18 to 24 inches		2.50	22.00
2 to 3 feet		3.50	30.00
3 to 4 feet		5.00	45.00
CARAGANA arborescens, Siberian Pea-Tree			
6 to 12 inches		.80	7.00
12 to 18 inches		1.20	10.00
18 to 24 inches		1.70	14.00
2 to 3 feet		2.10	18.00
CATALPA Speciosa, Western Catalpa			
6 to 12 inches		.50	4.50
12 to 18 inches		.90	8.00
18 to 24 inches		1.40	12.00
ELM, AMERICAN WHITE, <i>Ulmus americana</i>			
6 to 12 inches		.50	4.00
12 to 18 inches		.80	7.00
18 to 24 inches		1.20	10.00
2 to 3 feet		1.70	14.00
3 to 4 feet		2.40	20.00
4 to 5 feet		3.70	32.00
5 to 6 feet		5.50	50.00
ELM, CHINESE, <i>Ulmus pumila</i>			
We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.			
6 to 12 inches		.50	4.50
12 to 18 inches		.80	7.00
18 to 24 inches		1.20	10.00
2 to 3 feet		1.70	14.00
3 to 4 feet		2.10	18.00
4 to 5 feet		2.90	25.00
5 to 6 feet		5.50	50.00
6 to 8 feet		8.00	70.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

HACKBERRY, <i>Celtis occidentalis</i>	Per 100	Per 1000
12 to 18 inches.....	\$ 1.70	\$ 14.00
18 to 24 inches.....	2.40	20.00
2 to 3 feet.....	3.20	28.00
 LOCUST HONEY, <i>Gleditsia triacanthos</i>		
6 to 12 inches.....	.70	6.00
12 to 18 inches.....	1.20	10.00
18 to 24 inches.....	1.70	14.00
Thornless, <i>inermis</i> , 6 to 12 inches.....	.80	7.00
" " 12 to 18 inches.....	1.40	12.00
" " 18 to 24 inches.....	1.80	15.00
 LOCUST, BLACK or YELLOW, <i>Robinia pseudoacacia</i>		
6 to 12 inches.....	.60	5.00
12 to 18 inches.....	.90	8.00
18 to 24 inches.....	1.40	12.00
2 to 3 feet.....	1.80	15.00
3 to 4 feet.....	2.60	22.00
 MAPLE SILVER LEAVED, <i>Acer dasycarpum</i>		
6 to 12 inches.....	.50	4.50
12 to 18 inches.....	.90	8.00
18 to 24 inches.....	1.40	12.00
2 to 3 feet.....	2.10	18.00
3 to 4 feet.....	3.50	30.00
4 to 5 feet.....	5.50	50.00
 MULBERRY, RUSSIAN, <i>Morus tatarica</i>		
6 to 12 inches.....	.50	4.50
12 to 18 inches.....	1.10	9.00
18 to 24 inches.....	1.70	14.00
2 to 3 feet.....	2.10	18.00
3 to 4 feet.....	2.90	25.00
 OAK, Bur, <i>Quercus macrocarpa</i>		
9 to 12 inches.....	3.50	30.00
12 to 18 inches.....	4.50	40.00
18 to 24 inches.....	5.50	50.00
 Pin, <i>Quercus palustris</i>		
9 to 12 inches.....	2.90	25.00
12 to 18 inches.....	4.00	35.00
18 to 24 inches.....	6.50	55.00
2 to 3 feet.....	8.50	75.00
3 to 4 feet.....	12.00	100.00
4 to 5 feet.....	16.00	140.00
5 to 6 feet.....	22.50	200.00
 Red, <i>Quercus rubra</i>		
9 to 12 inches.....	4.00	35.00
12 to 18 inches.....	5.00	45.00
18 to 24 inches.....	7.50	65.00
2 to 3 feet.....	11.00	90.00
3 to 4 feet.....	14.00	120.00
4 to 5 feet.....	20.00	—
5 to 6 feet.....	28.00	—
 Scarlet, <i>Quercus coccinea</i>		
9 to 12 inches.....	4.00	35.00
12 to 18 inches.....	5.00	45.00
18 to 24 inches.....	7.50	65.00
2 to 3 feet.....	11.00	90.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

OAK—Continued

White, <i>Quercus alba</i>	Per 100	Per 1000
9 to 12 inches	\$ 4.00	\$ 35.00
12 to 18 inches	5.00	45.00
18 to 24 inches	7.50	65.00
2 to 3 feet	10.00	—
3 to 4 feet	15.00	—

OSAGE ORANGE, *Maclura pomifera*

6 to 12 inches	.50	4.00
12 to 18 inches	.80	7.00
18 to 24 inches	1.20	10.00
2 to 3 feet	1.70	14.00

RUSSIAN OLIVE, *Elaeagnus angustifolia*

6 to 12 inches	1.20	10.00
12 to 18 inches	1.90	16.00
18 to 24 inches	2.60	22.00
2 to 3 feet	3.50	30.00
3 to 4 feet	4.50	40.00
4 to 5 feet	5.50	50.00

WALNUT, BLACK, *Juglans nigra*

12 to 18 inches	2.60	22.00
18 to 24 inches	3.50	30.00
2 to 3 feet	4.50	40.00
3 to 4 feet	5.50	50.00

ONE YEAR FROM CUTTINGS

POPLAR, *Populus*

Carolina (Norway Variety) whips, 18 to 24 inches	Per 100	Per 1000
“ “ “ whips, 2 to 3 feet	\$ 2.40	\$ 20.00
“ “ “ whips, 3 to 4 feet	3.20	28.00
“ “ “ 4 to 5 feet, lightly br.	4.50	40.00
Lombardy, whips, 18 to 24 inches	5.50	50.00
“ “ 2 to 3 feet	3.20	28.00
“ “ 3 to 4 feet	4.00	35.00
“ lightly branched, 4 to 5 feet	5.50	50.00
“ “ 5 to 6 feet	7.50	65.00
	10.00	85.00



Office Building. Erected fall 1938.



A section of the Order Department.

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

BALLING AND BURLAPPING EXTRA. The following prices are made to cover ordinary size balls, a ball large enough to safely transplant the trees.

	Each		Each
3 to 4 feet	\$0.50	1 1/4-inch caliper	\$2.40
4 to 5 feet	.75	1 1/2-inch caliper	3.25
5 to 6 feet	1.00	2-inch caliper	4.00
6 to 8 feet	1.35	2 1/2-inch caliper	4.75
8 to 10 feet	1.90	3-inch caliper	6.00

Balling and burlapping on larger sized trees quoted on request.

ASH, American White, *Fraxinus alba*

Tall growing, valuable tree for street and park planting.

	Per 10	Per 100	Per 1000
5 to 6 feet	\$3.50	\$30.00	\$
6 to 8 feet	5.50	50.00	
8 to 10 feet	8.00	75.00	

European, *Fraxinus excelsior*, 100 ft.

Tall growing with spreading habit; dark green foliage.

5 to 6 feet	4.00		
6 to 8 feet	6.50		
8 to 10 feet	9.00	85.00	

Green, *Fraxinus lanceolata*, 50-60 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

4 to 5 feet	2.50	22.00	
5 to 6 feet	3.20	28.00	
6 to 8 feet	5.00	45.00	
8 to 10 feet	7.50	70.00	
1 1/2 to 2 inches	11.00	100.00	
2 to 2 1/2 inches	18.00	165.00	
2 1/2 to 3 inches	25.00		
3 to 3 1/2 inches	32.50		
3 1/2 to 4 inches	40.00		

BIRCH, Cutleaf Weeping, *Betula laciniata*, 30-40 ft.

A graceful, white barked tree with drooping limbs and cutleaf foliage.

Highly recommended for lawn and park planting.			
4 to 5 feet, Balled in Moss	7.50	70.00	
5 to 6 feet, " " "	11.00	100.00	
6 to 8 feet, " " "	15.00	135.00	
8 to 10 feet, " " "	19.00	175.00	

European White, *Betula alba*, 30-40 ft.

A hardy attractive tree with white bark.

4 to 5 feet	4.50	40.00	
5 to 6 feet	6.50	60.00	
6 to 8 feet	8.50	80.00	
8 to 10 feet	12.00	110.00	
1 1/4 to 1 1/2 inches	14.00	130.00	
1 1/2 to 1 3/4 inches	16.50	150.00	
1 3/4 to 2 inches	20.00	190.00	
2 to 2 1/2 inches	27.50	250.00	

BOX ELDER, See Maple.

CATALPA, *bungei*, *Umbrella Catalpa*, 12-18 ft.

Vigorous, large, dark green leaves, used for formal planting.			
4 to 5-foot stems, one year heads	6.50	60.00	
5 to 6-foot stems, one-year heads	8.50	80.00	
4 to 5-foot stems, 2-year heads	8.50	80.00	
5 to 6-foot stems, 2-year heads	11.00	100.00	
6 to 7-foot stems, 2-year heads	12.50		

DECIDUOUS TREES—Continued

CATALPA—Continued

Western Catalpa, <i>speciosa</i> , 30-35 ft.	Per 10	Per 100	Per 1000
Well known hardy tree. White flowers, May-June.			
6 to 8 feet	\$4.50	\$40.00	\$
8 to 10 feet	6.50	60.00	
1½ to 2 inches	8.50	80.00	

CHERRY, FLOWERING, 18-20 ft.

Noted for their beautiful flowers, planted freely in the east and south.			
2 to 3 feet, branched	5.50	50.00	
3 to 4 feet, branched	8.00	75.00	
Amanogawa—pale pink to white.			
Mount Fugi—semi-double, blush white.			
Kwanzan—double, dark pink, late.			
Kofugan—double dark rose-pink.			
Naden—double, fine pink.			

CRAB, Flowering Malus. 15-30 ft.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$3.50	\$30.00	\$
3 to 4 feet	4.50	40.00	
4 to 5 feet	5.50	50.00	
5 to 6 feet	7.00	65.00	
6 to 7 feet	9.00		

Arnold Crab, *arnoldiana*. 20-30 ft.

Originated at Arnold Arboretum. Large rose-colored flowers, turning white.

Baccata, Siberian Crab. 20-30 ft.

Large pure white, fragrant flowers. Scarlet fruit on long stems.

Chinese spectabilis, Chinese flowering crab. 15-18 ft.

Large, fragrant, bright pink flowers. April.

Coronaria, wild sweet crab. 25-30 ft.

White with pink flowers, delightfully fragrant. Native American species.

Eley Flowering Crab, *eleyi*. 25-30 ft.

Attractive reddish foliage in spring. Single pink flowers followed by showy red fruit.

Floribunda, Japanese flowering crab. 25-30 ft.

Pink buds, rosy-white flowers, small yellow fruit. Early.

Hopa, Red Flowering Crab. 20-25 ft.

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruit red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

Prairie Crab, *ioensis*. 15-20 ft.

Native, usually on low lands. Single pink flowers in May. Hardy.

Red Silver. 18-20 ft.

Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination.

Redvein Crab, *niedzwetzkyana*. 20-25 ft.

A large growing Russian Turkestan variety. Has remarkable large red flowers in April followed by large purplish-red fruit and leaves.

Tea Crab, *theifera*. 18-20 ft.

An artistic crab, sparse, irregular branches covered with pink flowers.

DECIDUOUS TREES—Continued

CRAB, Flowering Malus. 12-20 ft.

The following varieties of flowering crabs are valuable, producing attractive flowers and fruit.

	Per 10	Per 100	Per 1000
2 to 3 feet	\$4.00	\$35.00	\$
3 to 4 feet	5.00	45.00	—
4 to 5 feet	6.50	60.00	—
5 to 6 feet	9.00	85.00	—
6 to 7 feet	12.00	110.00	—

Bechtel, ioensis plena. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

Sargent Crab, sargentii. 6-8 ft.

Dwarf low growing, spreading variety with rigid branches producing an abundance of light colored flowers with bright yellow anthers followed by scarlet fruit.

Parkman, halliana parkmani. 12-15 ft.

Semi-double, pink flowers on long stems. Compact habit of growth. Dwarf. April-May.

ELM—American White, *Ulmus americana*, 60-100 ft.

The most popular American tree for street and general planting.

	Per 10	Per 100	Per 1000
4 to 5 feet	\$2.50	\$22.00	\$
5 to 6 feet	3.50	30.00	—
6 to 8 feet	5.50	50.00	—
8 to 10 feet	7.50	70.00	—
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	9.00	85.00	—
1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ inches	13.00	120.00	—
1 $\frac{3}{4}$ to 2 inches	16.50	150.00	—
2 to 2 $\frac{1}{2}$ inches	22.00	200.00	—
2 $\frac{1}{2}$ to 3 inches	28.00	250.00	—
3 to 3 $\frac{1}{2}$ inches	38.50	350.00	—
3 $\frac{1}{2}$ to 4 inches	45.00	—	—
4 to 5 inches	60.00	—	—

Chinese, pumila, 40-50 ft.

A hardy, rapid grower. Slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

4 to 5 feet	2.10	18.00	150.00
5 to 6 feet	3.20	28.00	250.00
6 to 8 feet	5.00	45.00	400.00
8 to 10 feet	6.50	60.00	550.00
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	7.50	70.00	—
1 $\frac{1}{2}$ to 2 inches	11.00	100.00	—
2 to 2 $\frac{1}{2}$ inches	17.50	160.00	—
2 $\frac{1}{2}$ to 3 inches	25.00	225.00	—

CHINESE ELM
Root Pruned Trees

Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a branched root system, and they will be graded by caliper and height. Are good value.

	Per 10	Per 100	Per 1000
4 to 5 feet, 7-16 to 9-16 inches	\$1.40	\$12.00	\$100.00
5 to 6 feet, 9-16 to 11-16 inches	2.10	18.00	160.00
6 to 8 feet, 11-16 to 7-8 inches	2.90	25.00	220.00
8 to 10 feet, 7-8 to 1 inch	4.00	35.00	320.00
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	5.00	45.00	400.00
1 $\frac{1}{2}$ to 2 inches	7.00	65.00	—

English, campestris, 75-100 ft.

Spreading branches forming a broad, round topped head.

5 to 6 feet	7.50	70.00	—
6 to 8 feet	10.00	90.00	—
8 to 10 feet	13.50	125.00	—
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	16.50	—	—
1 $\frac{1}{2}$ to 2 $\frac{1}{4}$ inches	20.00	—	—

DECIDUOUS TREES—Continued

ELM, *Ulmus*—Continued

Lake City, 70-90 ft.

Upright, closely branched type of American Elm, suitable for street and boulevard planting. Highly recommended.

	Per 10	Per 100	Per 1000
8 to 10 feet	\$10.00	\$	\$
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	12.50		
1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ inches	16.00		
1 $\frac{3}{4}$ to 2 inches	20.00		
2 to 2 $\frac{1}{2}$ inches	25.00		

Moline Elm, 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

6 to 8 feet	8.00	75.00	
8 to 10 feet	11.00	100.00	
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	13.00	120.00	
1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ inches	17.50	160.00	
1 $\frac{3}{4}$ to 2 inches	20.00	185.00	
2 to 2 $\frac{1}{2}$ inches	26.00	235.00	
2 $\frac{1}{2}$ to 3 inches	32.50	300.00	
3 to 3 $\frac{1}{2}$ inches	42.50		
3 $\frac{1}{2}$ to 4 inches	50.00		

Vase Elm, 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

6 to 8 feet	8.00	75.00	
8 to 10 feet	11.00	100.00	
1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches	13.00	120.00	
1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ inches	17.50	160.00	
1 $\frac{3}{4}$ to 2 inches	20.00	185.00	
2 to 2 $\frac{1}{2}$ inches	25.00	235.00	
2 $\frac{1}{2}$ to 3 inches	32.50		

HACKBERRY, *Celtis occidentalis*, 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

4 to 5 feet	2.90	25.00	
5 to 6 feet	4.50	40.00	
6 to 8 feet	6.50	60.00	
8 to 10 feet	10.00	90.00	
1 $\frac{1}{2}$ to 2 inches	15.00	135.00	
2 to 2 $\frac{1}{2}$ inches	22.00	200.00	
2 $\frac{1}{2}$ to 3 inches	30.00	275.00	

HONEYLOCUST, *Gleditsia triacanthos*, 50-60 ft.

A thorny tree with attractive pinnate leaves. Fragrant white flowers in May. Long lived, hardy tree. Succeeds on most any kind of soil. Not affected by borers or drought.

5 to 6 feet	4.50	40.00	
6 to 8 feet	6.50	60.00	
8 to 10 feet	9.00	85.00	
1 $\frac{1}{2}$ to 2 inches	15.00	135.00	
2 to 2 $\frac{1}{2}$ inches	25.00	225.00	
2 $\frac{1}{2}$ to 3 inches	32.50		

Thornless, *Gleditsia triacanthos inermis*, 50-60 ft.

A variety of *Triacanthos* without thorns.

5 to 6 feet	5.50	50.00	
6 to 8 feet	8.00	75.00	
8 to 10 feet	11.00	100.00	
1 $\frac{1}{2}$ to 2 inches	16.50	150.00	
2 to 2 $\frac{1}{2}$ inches	30.00		

DECIDUOUS TREES—Continued

HORSE CHESTNUT, *Aesculus glabra, Ohio Buckeye*, 18-22 ft.

A small tree having long, slim, smooth leaves, greenish-yellow flowers.	Per 10	Per 100	Per 1000
4 to 5 feet	\$7.50	\$	\$
5 to 6 feet	10.00		

KENTUCKY COFFEETREE, *Gymnocladus dioicus*, 50-70 ft.

Light blue green fern-like foliage. Very picturesque even in winter.			
White flowers, June.			
4 to 5 feet	5.50	50.00	
5 to 6 feet	8.00	75.00	
6 to 8 feet	11.00	100.00	
8 to 10 feet	15.00	135.00	
1½ to 2 inches	19.00	175.00	
2 to 2½ inches	25.00		

LINDEN, American, *Tilia americana*, 60-90 ft.

Rapid growing tree. Large glossy leaves, fragrant yellow flowers, June.			
5 to 6 feet	6.50	60.00	
6 to 8 feet	8.50	80.00	
8 to 10 feet, 1¼ to 1½ inches	11.00	100.00	
1½ to 2 inches	15.00	135.00	
2 to 2½ inches	20.00	185.00	
2½ to 3 inches	27.50	250.00	
3 to 3½ inches	35.00	325.00	

Cordata, Littleleaf European Linden, 70 ft.

Very small leaves and desirable habit of growth.			
4 to 5 feet	5.50	50.00	
5 to 6 feet	8.00	75.00	
6 to 8 feet	11.00	100.00	
8 to 10 feet	15.00		
1½ to 2 inches	22.50		
2 to 2½ inches	30.00		

Platiphyllus, Big Leaf European Linden, 60-70 ft.

Large leaved European Linden making a large, symmetrical tree.			
5 to 6 feet	6.00	55.00	
6 to 8 feet	8.50	80.00	
8 to 10 feet	12.00	100.00	

Pyramidal, Pyramidal American Linden, 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.			
5 to 6 feet	8.00	75.00	
6 to 8 feet	11.00	100.00	
8 to 10 feet	15.00	135.00	
1½ to 2 inches	20.00		

Silvestris, *Tilia Silvestris*, 70 ft.

A variety of <i>Tilia cordata</i> small leaf European Linden.			
6 to 8 feet	8.50	80.00	
8 to 10 feet	12.00	110.00	
1½ to 2 inches	16.50	150.00	
2 to 2½ inches	22.00	200.00	
2½ to 3 inches	27.50		

Tomentosa (argentea), Silver Linden, 40-60 ft.

Handsome, dense-headed tree that will stand heat and drought.			
Leaves green above; silvery beneath.			
6 to 8 feet	10.00		
8 to 10 feet	13.50		

1½ to 2 inches 17.50

Vulgaris, European Linden, 70-80 ft.

A symmetrical and compact European Linden producing fragrant flowers in late June.			
5 to 6 feet	7.00		
6 to 8 feet	10.00		
8 to 10 feet	13.50		

DECIDUOUS TREES—Continued

LOCUST, Black or Yellow, *Robinia pseudoacacia*, 50-80 ft.

A valuable heat and drought resisting tree. Fragrant white flowers in May followed by small dark seed pods in the autumn.

	Per 10	Per 100	Per 1000
4 to 5 feet.....	\$2.50	\$22.00	\$---
5 to 6 feet.....	3.50	30.00	---
6 to 8 feet.....	5.00	45.00	---
8 to 10 feet.....	6.00	---	---

MAY DAY TREE, See *Prunus***MAPLE, Amur, *Acer ginnala*. 20-25 ft.**

Large shrub or small tree. Yellowish, fragrant flowers. April-May. Leaves and seed pods attractive.

3 to 4 feet.....	4.00	---	---
4 to 5 feet.....	5.50	50.00	---
5 to 6 feet.....	8.00	75.00	---

Box Elder, *negundo*. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

4 to 5 feet.....	3.50	30.00	---
5 to 6 feet.....	4.50	40.00	---
6 to 8 feet.....	6.50	60.00	---
8 to 10 feet.....	9.00	85.00	---
1½ to 2 inches.....	13.50	---	---

Norway, *platanoides*. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

*4 to 5 feet, whips.....	3.50	30.00	---
*5 to 6 feet, whips.....	4.50	40.00	---
*6 to 8 feet, whips.....	5.50	50.00	---
*8 to 10 feet, whips.....	6.50	60.00	---
6 to 8 feet, branched.....	11.00	100.00	---
8 to 10 feet, branched.....	15.00	135.00	---
1½ to 1¾ inches.....	17.50	160.00	---
1½ to 1¾ inches.....	22.00	200.00	---
1¾ to 2 inches.....	25.00	235.00	---
2 to 2½ inches.....	32.50	300.00	---

*Grades available for Spring shipment only.

Schwedler, Purple Leaf Maple. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

We offer at attractive prices a splendid lot of transplanted Schwedleri Maple, branched trees, in the grades 6 to 8 feet, 8 to 10 feet and 1¼ inch. They carry good caliper. They are Washington grown and will be spring dug for spring trade. Have a limited assortment of branched trees at Shenandoah available for fall. Also offer for spring several grades of whips, transplants, ideally suited for lining out purposes.

*5 to 6 feet, whips.....	8.00	75.00	---
*6 to 8 feet, whips.....	9.00	85.00	---
*8 to 10 feet, whips.....	11.00	100.00	---
5 to 6 feet, branched.....	13.50	125.00	---
6 to 8 feet, branched, ¾ to 1 inch caliper.....	16.50	150.00	---
8 to 10 feet, branched, 1 to 1¼ inch caliper.....	22.00	200.00	---
1¼ to 1½ inches, branched.....	26.00	235.00	---
1½ to 1¾ inches, branched.....	30.00	---	---

*Grades available for Spring shipment only.

Silver, *dasycarpum*. 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

5 to 6 feet.....	3.50	30.00	---
6 to 8 feet.....	5.50	50.00	---
8 to 10 feet.....	8.00	75.00	---
1¼ to 1½ inches.....	9.00	85.00	---
1½ to 2 inches.....	12.00	110.00	---
2 to 2½ inches.....	16.50	150.00	---
2½ to 3 inches.....	20.00	---	---

DECIDUOUS TREES—Continued

MAPLE, *Acer*—ContinuedSugar, *saccharum*. 50-75 ft.

	Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.	Per 10	Per 100	Per 1000
5 to 6 feet		\$7.50	\$70.00	\$
6 to 8 feet		11.00	100.00	-----
8 to 10 feet, 1 to 1½ inches		15.00	140.00	-----
1½ to 2 inches		18.00	165.00	-----
1½ to 2½ inches		22.00	200.00	-----
1½ to 2 inches		27.50	250.00	-----
2 to 2½ inches		30.00	-----	-----
4 to 5 inches		65.00	-----	-----

Wier, Cutleaved Silver Maple. 60-80 ft.

Graceful drooping limbs with cut leaves.

5 to 6 feet		5.50	50.00	-----
6 to 8 feet		8.00	75.00	-----
8 to 10 feet		11.00	100.00	-----
1½ to 2 inches		15.00	-----	-----
2 to 2½ inches		20.00	-----	-----

MOUNTAIN ASH, European, *Sorbus aucuparia*. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

5 to 6 feet		7.00	65.00	-----
6 to 8 feet		9.00	85.00	-----
8 to 10 feet		11.00	100.00	-----
1½ to 2 inches		15.00	135.00	-----

Oakleaf, *Sorbus quercifolia*. 20-25 ft.

Upright, rather pyramidal growing tree with attractive foliage.

6 to 8 feet		10.00	-----	-----
8 to 10 feet		12.50	-----	-----

OAK, Black, *velutina*. 75-80 ft.

Deep green foliage turning yellow or reddish-brown in autumn.

4 to 5 feet		8.00	75.00	-----
5 to 6 feet		11.00	100.00	-----
6 to 8 feet		15.00	135.00	-----

Bur, Mossycup, *macrocarpa*. 75-80 ft.

Strong growing oak, picturesque appearance due to its corky branches.

4 to 5 feet		8.00	75.00	-----
5 to 6 feet		11.00	100.00	-----
6 to 8 feet		15.00	135.00	-----
8 to 10 feet		20.00	-----	-----

Laurel, *Quercus laurifolia*. 60-80 ft.

An attractive Oak with slender branches forming a dense round topped head, and with handsome glossy foliage.

4 to 5 feet		8.00	75.00	-----
5 to 6 feet		11.00	100.00	-----
6 to 8 feet		15.00	135.00	-----
8 to 10 feet		19.00	175.00	-----
1½ to 2 inches		23.50	-----	-----

Pin, *Quercus palustris*. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

5 to 6 feet		11.00	100.00	-----
6 to 8 feet		14.00	125.00	-----
8 to 10 feet		19.00	175.00	-----
1½ to 2 inches		28.00	250.00	-----
2 to 2½ inches		38.00	350.00	-----
2½ to 3 inches		45.00	425.00	-----

DECIDUOUS TREES—Continued

OAK—Continued

Pin, *Quercus palustris*, Trees out of Seedlings.

		Per 10	Per 100	Per 1000
Have been grown in wide rows and thinned out to develop branched tops. All have been root pruned to secure a better root system, and they carry good caliper. They are good value for transplanting purposes.				
4 to 5 feet, 7-16 to 9-16 inches	\$3.50	\$30.00	\$	—
5 to 6 feet, 9-16 to 11-16 inches	5.00	45.00	—	—
6 to 8 feet, 11-16 to 7-8 inches	6.50	60.00	—	—

Red, *Quercus rubra*. 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

5 to 6 feet	13.00	120.00	—	—
6 to 8 feet	15.00	140.00	—	—
8 to 10 feet, 1½ to 1½ inches	22.00	200.00	—	—
1½ to 2 inches	30.00	275.00	—	—
2 to 2½ inches	40.00	375.00	—	—

English, *Quercus Robur*. 60-80 ft.

A long-lived Oak with stout branches, forming a broad round-topped head.

4 to 5 feet	10.00	—	—	—
5 to 6 feet	13.00	—	—	—
6 to 8 feet	16.00	—	—	—
8 to 10 feet	20.00	—	—	—

Scarlet, *Quercus coccinea*. 75-90 ft.

Most striking Autumn colors; tall stately grower, deeply cut leaves.

5 to 6 feet	13.00	120.00	—	—
6 to 8 feet	16.50	150.00	—	—
8 to 10 feet, 1½ to 1½ inches	20.00	—	—	—
1½ to 2 inches	27.50	—	—	—
2 to 2½ inches	35.00	—	—	—

White, *Quercus alba*. 60-80 ft.

A rugged oak of slow growth making a large, magnificent tree.

4 to 5 feet	8.00	75.00	—	—
5 to 6 feet	11.00	100.00	—	—
6 to 8 feet	14.00	125.00	—	—
8 to 10 feet	19.00	175.00	—	—
1½ to 2 inches	28.00	250.00	—	—
2 to 2½ inches	38.00	350.00	—	—
2½ to 3 inches	42.50	—	—	—

PECAN, native nut bearing tree.

3 to 4 feet	5.00	—	—	—
4 to 5 feet	6.50	—	—	—
5 to 6 feet	8.50	—	—	—

PERSIMMON, American, *Diospyros virginiana*

Very ornamental, with a round-topped head and handsome shining foliage.

3 to 4 feet	5.00	—	—	—
4 to 5 feet	6.50	—	—	—
5 to 6 feet	8.50	—	—	—
6 to 8 feet	11.00	—	—	—

POPLAR, *Bolleana*, Silver Leaved. 50-60 ft.

A rapid growing, columnar tree with silvery foliage.

5 to 6 feet	4.00	35.00	—	—
6 to 8 feet	5.50	50.00	—	—
8 to 10 feet	7.00	65.00	—	—
1½ to 1½ inches	8.50	80.00	—	—
1½ to 2 inches	11.00	100.00	—	—
2 to 2½ inches	15.00	135.00	—	—

DECIDUOUS TREES—Continued

POPLAR—Continued**Carolina, (Norway Variety). 75-100 ft.**

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina. Per 10 Per 100 Per 1000

5 to 6 feet	\$2.10	\$18.00	\$	---
6 to 8 feet	2.90	25.00		---
8 to 10 feet	4.50	40.00		---
1½ to 1½ inches	5.50	50.00		---
1½ to 2 inches	8.00	75.00		---
2 to 2½ inches	11.00	100.00		---

Lombardy, nigra italicica. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

4 to 5 feet, low branched	1.20	10.00		---
5 to 6 feet, " "	2.10	18.00	160.00	
6 to 8 feet, " "	2.90	25.00	220.00	
8 to 10 feet, " "	3.50	30.00	280.00	
1½ to 1½ inches, low branched	4.00	35.00	320.00	
1½ to 2 inches, " "	6.50	60.00		---
2 to 2½ inches, " "	11.00	100.00		---

Silver, White Poplar. 50-60 ft.

Well known as Silver Poplar, spreading habit, leaves woolly white underneath. Very hardy. Succeeds in cold dry climate.

4 to 5 feet, well branched	2.10	18.00		---
5 to 6 feet, " "	2.90	25.00		---
6 to 8 feet, " "	4.50	40.00		---
8 to 10 feet, " "	6.50	60.00		---
1½ to 2 inches, well branched	11.00	100.00		---

PRUNUS, Ornamental Plum**Cistena, Hansen's Purple Leaved Plum. 5-6 ft.**

A dwarf hardy variety with rich purple red foliage. Bush form.

18 to 24 inches	2.90	25.00		---
2 to 3 feet	3.50	30.00		---
3 to 4 feet	4.50	40.00		---

Hansen Bush Cherry. 4-5 ft.

An improved Prunus besseyi; very productive and extremely hardy.

12 to 18 inches, transplants, branched	1.20	10.00		---
18 to 24 inches, " "	1.80	15.00		---
2 to 3 feet, " "	2.40	20.00		---
3 to 4 feet, " "	2.90	25.00		---

Newport, Purple Leaved. (Bush form) 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.

18 to 24 inches	2.90	25.00		---
2 to 3 feet	3.50	30.00		---
3 to 4 feet	4.50	40.00		---

Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

12 to 18 inches	2.10	18.00		---
18 to 24 inches	2.90	25.00		---
2 to 3 feet	3.50	30.00		---

Persica, Red Flowering Peach. 15-20 ft.

An early blooming, double flowering peach.

2 to 3 feet	3.50	30.00		---
3 to 4 feet	4.50	40.00		---
4 to 5 feet	5.50	50.00		---

DECIDUOUS TREES—Continued

PRUNUS, Ornamental Plum—Continued

Persica camelliflora. 15-20 ft.

Variety of red flowering peach producing full, double, deep red flowers.	Per 10	Per 100	Per 1000
2 to 3 feet	\$3.50	\$30.00	\$
3 to 4 feet	4.50	40.00	—
4 to 5 feet	5.50	50.00	—

Serotina, Wild Black Cherry. 40-50 ft.

A native of the Middle West. White flowers in May followed by small black cherries borne in clusters.

6 to 8 feet	4.00	—	—
8 to 10 feet	5.50	—	—

Tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkable showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

2 to 3 feet	2.90	25.00	—
3 to 4 feet	4.00	35.00	—
4 to 5 feet	5.00	45.00	—

Triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

18 to 24 inches (On Native Plum)	2.90	25.00	—
2 to 3 feet	3.50	30.00	—
3 to 4 feet	4.50	40.00	—
4 to 5 feet	5.50	50.00	—

RED BUD, *Cercis canadensis.* 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

2 to 3 feet	2.90	25.00	—
3 to 4 feet	4.00	35.00	—
4 to 5 feet	5.00	45.00	—
5 to 6 feet	6.50	60.00	—

RUSSIAN OLIVE, *Elaeagnus angustifolia.* 20-25 ft.

Attractive silver gray leaves, grayish white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Hardy.

3 to 4 feet	2.40	20.00	—
4 to 5 feet	2.90	25.00	—
5 to 6 feet	4.00	35.00	—
6 to 8 feet	5.50	50.00	—
8 to 10 feet	8.00	75.00	—

For smaller sizes see *Elaeagnus* under Shrubs.

SYCAMORE or American Planetree, *Platanus occidentalis.* 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

5 to 6 feet	4.50	40.00	—
6 to 8 feet	7.00	65.00	—
8 to 10 feet	10.00	90.00	—
1½ to 1½ inches	12.00	—	—
1½ to 1¾ inches	16.50	—	—
1¾ to 2 inches	20.00	—	—
2 to 2½ inches	23.50	—	—

THORN, *Crataegus, Arnoldiana, Arnold's Thorn.* 18-20 ft.

An open-headed tree having white flowers in May and bright crimson fruit in August.

3 to 4 feet	5.50	50.00	—
4 to 5 feet	8.50	80.00	—
5 to 6 feet	12.00	110.00	—
6 to 8 feet	17.50	—	—

DECIDUOUS TREES—Continued

THORN, Crataegus—Continued**Coccinea, Thicket Hawthorn. 20-25 ft.**

Bushy tree, white flowers, dull red fruit.	Per 10	Per 100	Per 1000
3 to 4 feet	\$5.50	\$50.00	\$
4 to 5 feet	8.50	80.00	—
5 to 6 feet	12.00	110.00	—

Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.

3 to 4 feet	6.00	—	—
4 to 5 feet	8.50	80.00	—
5 to 6 feet	12.00	110.00	—
6 to 8 feet	16.50	150.00	—
8 to 10 feet	22.50	—	—
1½ to 2 inches	30.00	—	—

Crusgalli, Cockspur Thorn. 15-18 ft.

Deep green shiny leaved distinctive Hawthorn. Conspicuous white flowers, red fruit, Long thorns.

3 to 4 feet	5.50	50.00	—
4 to 5 feet	8.50	80.00	—
5 to 6 feet	12.00	110.00	—
6 to 8 feet	19.00	175.00	—
8 to 10 feet	25.00	—	—

English Hawthorn, oxyantha. 12-15 ft.

A small shrubby tree. Single white blooms in the spring.

3 to 4 feet	5.50	50.00	—
4 to 5 feet	8.50	80.00	—
5 to 6 feet	12.00	—	—

Mollis, Downy Hawthorn. 15 ft.

Vigorous spreading growth. Large leaves, attractive red fruit.

3 to 4 feet	4.50	40.00	—
4 to 5 feet	6.50	60.00	—
5 to 6 feet	10.00	90.00	—
6 to 8 feet	14.00	125.00	—
8 to 10 feet	16.50	150.00	—

Paul's Scarlet Hawthorn, oxyantha pauli. 15-20 ft.

Produces brilliant double scarlet flowers in June.

3 to 4 feet	6.50	60.00	—
4 to 5 feet	8.50	80.00	—
5 to 6 feet	11.00	100.00	—
6 to 8 feet	14.00	—	—

Punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

3 to 4 feet	5.50	50.00	—
4 to 5 feet	8.50	80.00	—
5 to 6 feet	12.00	110.00	—
6 to 8 feet	19.00	175.00	—
8 to 10 feet	25.00	225.00	—

Prunifolia, Plumleaf Hawthorn. 30 ft.

Branches spreading or somewhat ascending, spiny. Fruit, red. May, June.

4 to 5 feet	8.50	—	—
5 to 6 feet	12.00	—	—
6 to 8 feet	17.50	—	—
8 to 10 feet	25.00	—	—

DECIDUOUS TREES—Continued

TULIPTREE, *Liriodendron tulipifera*. 100--150 ft.

Rapid growing, beautiful ornamental tree. Large tulip-like flowers.

	Per 10	Per 100	Per 1000
5 to 6 feet.....	\$7.50	\$70.00	\$-----
6 to 8 feet.....	11.00	100.00	-----
8 to 10 feet.....	13.50	125.00	-----
1½ to 1½ inches.....	16.50	150.00	-----
1½ to 2 inches.....	22.50	-----	-----

WALNUT, Black, *Juglans nigra*, 80--100 ft.

Valuable tree for the wood and nuts.

6 to 8 feet.....	8.00	75.00	-----
8 to 10 feet.....	11.00	100.00	-----
1½ to 2 inches.....	16.50	150.00	-----

WILLOW, *Salix***Babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

4 to 5 feet.....	2.90	25.00	-----
5 to 6 feet.....	4.50	40.00	-----
6 to 8 feet.....	6.50	60.00	-----
8 to 10 feet.....	9.00	85.00	-----
1¼ to 1½ inches.....	12.00	110.00	-----

Laurel leaved, *pentandra*. 30-40 ft.

Hardy, upright grower with large, dark green leaves.

4 to 5 feet.....	2.90	25.00	-----
5 to 6 feet.....	4.00	35.00	-----

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit. Very attractive golden bark. Light green flowers in April.

3 to 4 feet.....	2.10	18.00	-----
4 to 5 feet.....	2.90	25.00	-----
5 to 6 feet.....	4.50	40.00	-----
6 to 8 feet.....	7.00	65.00	-----
8 to 10 feet.....	10.00	90.00	-----

Pussy, *discolor*. 20-25 ft.

Popular willow on account of catkins in March-April before leaves.

18 to 24 inches.....	1.70	14.00	-----
2 to 3 feet.....	2.10	18.00	-----
3 to 4 feet.....	2.90	25.00	-----

Russian Golden, *vitellina aurea*. 25-30 ft.

Medium spreading growth. Golden yellow bark. Very hardy.

4 to 5 feet.....	2.40	20.00	-----
5 to 6 feet.....	3.50	30.00	-----
6 to 8 feet.....	5.50	50.00	-----
8 to 10 feet.....	7.50	-----	-----

Wisconsin Weeping, *blanda*. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

4 to 5 feet.....	2.90	25.00	-----
5 to 6 feet.....	4.50	40.00	-----
6 to 8 feet.....	7.50	65.00	-----
8 to 10 feet.....	10.00	90.00	-----
1¼ to 1½ inches.....	12.00	110.00	-----
1½ to 2 inches.....	16.50	150.00	-----

ORNAMENTAL SHRUBS

Our shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land, with plenty of room to develop well furnished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPanax, pentaphyllum, Five leaf Aralia. 5-10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$2.10	\$18.00	\$
2 to 3 feet	2.90	25.00	—
3 to 4 feet	4.00	35.00	—

ALMOND, Pink Flowering, *Prunus glandulosa*. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

12 to 18 inches, Own Root	1.90	16.00	—
18 to 24 inches, " "	2.50	22.00	—
2 to 3 feet, " "	3.20	28.00	250.00
3 to 4 feet, " "	3.80	33.00	300.00

White Flowering, *Prunus glandulosa*. 5-6 ft.

Double white flowering variety. Have buds and own root plants.

12 to 18 inches	1.90	16.00	—
18 to 24 inches	2.50	22.00	—
2 to 3 feet	3.20	28.00	—
3 to 4 feet	4.00	35.00	—
4 to 5 feet	5.00	—	—

ALTHEA, *Hibiscus syriacus*. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red and white.

12 to 18 inches	.80	7.00	—
18 to 24 inches	1.20	10.00	—
2 to 3 feet	1.90	16.00	—
3 to 4 feet	2.50	22.00	—

d—Double

Anemoneflorus, d pink
Ardens, d purple
Boule de Feu, d red
Jean d'Arc, d white

S—Single

Lucy, d red
Purple, semi-double
Rose, double
Rubis, s red

AMELANCHIER, *canadensis* Juneberry (Downy Shadblow) 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$2.50	\$22.00	\$
2 to 3 feet	3.50	30.00	—
3 to 4 feet	4.50	—	—

AMORPHA fruticosa, Indigo Bush. 8-10 ft.

A vigorous growing shrub with dark violet flowers.

3 to 4 feet	3.00	—	—
4 to 5 feet	3.50	—	—

ARONIA arbutifolia, Red Chokeberry. 8-10 ft.

White flowers sometimes tinged with red. April-May. Bright red fruit and red foliage in autumn.

12 to 18 inches	1.20	10.00	—
18 to 24 inches	1.80	15.00	—
2 to 3 feet	2.40	20.00	—
3 to 4 feet	3.50	—	—

ORNAMENTAL SHRUBS—Continued

ARONIA—Continued

Melanocarpa, Black Chokeberry. 6-8 ft.

Attractive white flowers, smooth foliage, with black shiny fruit in autumn.	Per 10	Per 100	Per 1000
12 to 18 inches.....		\$1.20	\$10.00
18 to 24 inches.....		1.80	15.00
2 to 3 feet.....		2.40	-----

BARBERRY

Thunbergi, Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

9 to 12 inches.....	.70	6.00	50.00
12 to 15 inches.....	1.00	8.50	75.00
15 to 18 inches.....	1.20	10.00	90.00
18 to 24 inches.....	1.70	14.00	120.00
2 to 2½ feet.....	2.10	18.00	150.00
2½ to 3 feet.....	2.40	20.00	180.00

See Hedging for Seedlings and smaller grades.

Box, Berberis minor. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

12 to 15 inches.....	1.40	12.00	-----
15 to 18 inches.....	1.90	16.00	-----

Red Leaved, atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

9 to 12 inches.....	.90	8.00	-----
12 to 15 inches.....	1.20	10.00	-----
15 to 18 inches.....	1.90	16.00	140.00
18 to 24 inches.....	2.40	20.00	180.00
2 to 2½ feet.....	2.50	22.00	200.00
2½ to 3 feet.....	3.20	28.00	-----

BERBERIS MENTORENSIS

Plant Patent No. 99

(Sun or shade—ultimate height 5 ft.)

Barberry Mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong, upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

Size	Wholesale Prices Net			Retail Resale Prices		
	Per 10	Per 100	Per 1000	Per 3	Per 12	Per 100
12 to 15 inches.....	\$2.50	\$20.00	\$-----	\$1.15	\$4.25	\$30.00
15 to 18 inches.....	3.00	25.00	-----	1.35	5.00	37.50
18 to 24 inches.....	3.75	30.00	-----	1.75	6.00	45.00
24 to 30 inches.....	4.60	40.00	-----	2.25	8.00	60.00

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Plant Patent No. 110

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes. For resale at retail only at prices specified herein.

Size	Wholesale Prices Net			Retail Resale Prices			
	Per 10	Per 100	Per 1000	Each	Per 5	Per 25	Per 100
12 to 15 inches.....	\$2.20	\$18.00	\$160.00	\$0.45	\$1.75	\$7.50	\$27.00
15 to 18 inches.....	2.70	22.00	200.00	.55	2.10	8.75	32.00
18 to 24 inches.....	3.30	28.00	250.00	.65	2.65	11.50	42.00
2 to 2½ feet.....	4.00	35.00	300.00	.80	3.25	13.75	50.00

ORNAMENTAL SHRUBS—Continued

BUCKTHORN, Cathartica, Common Buckthorn. 10-12 ft.

Very hardy, dark green leaves, black berries. Valuable for hedging in the north.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$0.70	\$ 6.00	\$ -----
18 to 24 inches	1.10	9.00	80.00
2 to 3 feet	1.40	12.00	100.00
3 to 4 feet	1.80	15.00	-----

Frangula, Glossy Buckthorn. 10-12 ft.

Upright, hardy shrub, used for hedging. Berries red changing to black.

18 to 24 inches	1.40	12.00	-----
2 to 3 feet	1.90	16.00	-----

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.**Farquhar. 5-6 ft.**

Lavender pink flowers with orange center; fragrant.

Medium	1.90	16.00	140.00
No. 1	2.40	20.00	180.00

Fortune (Plant Patent No. 206). 4-6 ft.

Flowers of pure lilac with a brilliant orange eye; large, fully round sprays of 2 ft. in length. Desirable for cut flowers. Foliage deep leathery, dark green. Prolific bloomer. (Retails at 75¢ each, \$7.50 per doz.)

No. 1	4.00	25.00	-----
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Ille de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

Medium	1.90	16.00	140.00
No. 1	2.40	20.00	180.00

BUDDLEIA—New Varieties.

*Well established 2½-inch pot plants	1.40	12.00	-----
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Medium, dormant plants, field grown	1.90	16.00	-----
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No. 1, dormant plants, field grown	2.40	20.00	-----
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(*) FOR SPRING ONLY

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties, are distinctly pink. Has exceptional value for house decoration.

Concord

A new dark red Buddleia with blood-red eye shading lighter to edge of petals. Strong spikes.

Dubonnet

A new, dark wine, dubonnet colored Buddleia with firm, large spikes and individual flowers of good size that do not sunburn.

Eleanor

Eleanor-blue with orange eye with full, rounded flower heads. Very compact and individual flowers of good size. Dwarf.

Hartwegi. 4-5 ft.

A thrifty, compact Butterfly Bush with heavy, dark green foliage and bright lavender flowers good for cutting.

Orchard Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

EMPIRE BLUE

Patent No. 557

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with a delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
No. 1, dormant plants, field grown	\$4.00	\$35.00	\$ -----

ORNAMENTAL SHRUBS—Continued

BUDDLEIA, Butterfly Bush—Continued

PINK DAWN

A Mount Arbor introduction—cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep, dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire Summer and Autumn. Excellent as a cut flower with sprays of two to three feet in length. This is the best truly pink flowering Buddleia in existence today.

Per 10 Per 100 Per 1000

*Well established 2½-inch pot plants.....	\$2.90	\$25.00	\$-----
No. 1, dormant plants, field grown.....	4.00	35.00	-----

(*) FOR SPRING ONLY.

ROYAL RED

Patent No. 556

A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

Per 10 Per 100 Per 1000

*Well established 2½-inch Pot Plants.....	\$3.00	\$25.00	\$-----
No. 1, dormant plants, field grown.....	4.00	35.00	-----

(*) FOR SPRING ONLY.

BUFFALOBERRY SILVER, *Shepherdia argentea*. 12-18 ft.

Large thorny shrub, almost tree-form with showy silvery foliage and red or yellow edible fruits.

Per 10 Per 100 Per 1000

2 to 3 feet.....	\$1.80	\$15.00	\$-----
3 to 4 feet.....	2.40	20.00	-----
4 to 5 feet.....	3.00	-----	-----

CALICCARPA *purpurea*, Chinese Beautyberry. 3-6 ft.

Clusters of attractive purple berries in the fall. Tops kill back like Butterfly Bush.

12 to 18 inches.....	1.50	12.00	-----
18 to 24 inches.....	1.90	16.00	-----

CALYCANTHUS *floridus*, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

12 to 18 inches.....	1.40	12.00	-----
18 to 24 inches.....	1.80	15.00	-----
2 to 3 feet.....	2.40	20.00	-----
3 to 4 feet.....	3.20	28.00	-----

CARAGANA *arborescens*, Siberian Pea-Tree. 12-15 ft.

Very hardy. Yellow flowers in May-June.

12 to 18 inches.....	.60	5.00	-----
18 to 24 inches.....	.95	8.00	70.00
2 to 3 feet.....	1.40	12.00	100.00
3 to 4 feet.....	1.90	16.00	-----
4 to 5 feet.....	2.50	22.00	-----

CEPHALANTHUS *occidentalis*, Buttonbush. 5-6 ft.

Attractive foliage with round heads of creamy white flowers. July-September.

12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----
2 to 3 feet.....	1.90	16.00	-----
3 to 4 feet.....	2.50	22.00	-----

ORNAMENTAL SHRUBS—Continued

CHIONANTHUS *virginica*, **White Fringe.** 25 ft.

Large glossy leaves, white fragrant flowers, May-June.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$2.40	\$20.00	\$-----
18 to 24 inches	3.50	30.00	-----
2 to 3 feet	4.50	-----	-----

CORNUS, **Dogwood****Alba Siberica, Coral Dogwood.** 10-12 ft.

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

12 to 18 inches	.95	8.00	-----
18 to 24 inches	1.40	12.00	-----
2 to 3 feet	2.10	18.00	160.00
3 to 4 feet	2.50	22.00	200.00
4 to 5 feet	3.50	30.00	280.00

Elegantissima, Silverblotch Dogwood, Variegated Leaves. 6-8 ft.

Silver variegated leaves, bright red bark. Very attractive.

12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.90	25.00	-----

***Florida, White Flowering Dogwood.** 15-20 ft.

Flowering tree producing white flowers, foliage turns dark red in autumn.

2 to 3 feet	5.50	50.00	-----
3 to 4 feet	7.50	70.00	-----
4 to 5 feet	11.00	100.00	-----

(*) FOR SPRING ONLY.

***Florida Rubra, Red Flowering Dogwood.** 15-20 ft.Variety of *Cornus Florida* with bright pink flowers.

3 to 4 feet (Balled in Moss)	15.00	-----	-----
(*) FOR SPRING ONLY.			

Goldentwig, stolonifera lutea. 8-10 ft.

Distinct yellow bark, has fine winter effect.

12 to 18 inches	1.20	10.00	-----
18 to 24 inches	1.80	15.00	-----
2 to 3 feet	2.40	20.00	180.00
3 to 4 feet	2.80	24.00	220.00
4 to 5 feet	3.50	30.00	-----

Mas, Cornelian Cherry. 20-25 ft.

Dense growth with glossy foliage. Attractive in early spring with its yellow flowers and in fall with its shining scarlet fruits.

12 to 18 inches	2.40	20.00	-----
18 to 24 inches	2.90	25.00	-----
2 to 3 feet	3.50	-----	-----

Paniculata, Gray Dogwood. 10-12 ft.

White flowers in May followed by white fruit.

12 to 18 inches	1.40	12.00	-----
18 to 24 inches	1.90	16.00	-----
2 to 3 feet	2.40	20.00	180.00
3 to 4 feet	2.90	25.00	220.00
4 to 5 feet	3.80	33.00	300.00
5 to 6 feet	4.50	40.00	-----

Sanguinea, Bloodtwig Dogwood. 10-12 ft.

Beautiful glossy red branches, greenish-white flowers. May-June.

18 to 24 inches	1.40	12.00	-----
2 to 3 feet	1.90	16.00	-----
3 to 4 feet	2.50	22.00	-----

Stolonifera, Red-Osier Dogwood. 15-20 ft.

Dark wine colored branches. Dull white flowers. May-June. White berries.

18 to 24 inches	1.40	12.00	-----
2 to 3 feet	1.90	16.00	-----
3 to 4 feet	2.50	22.00	200.00
4 to 5 feet	3.20	28.00	-----

ORNAMENTAL SHRUBS—Continued

CORYLUS americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.90	\$16.00	\$-----
18 to 24 inches.....	2.50	22.00	-----
2 to 3 feet.....	3.50	30.00	-----

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.	12 to 18 inches.....	1.20	10.00	-----
18 to 24 inches.....	1.70	14.00	120.00	
2 to 3 feet.....	2.10	18.00	160.00	
3 to 4 feet.....	2.50	22.00	200.00	
4 to 5 feet.....	3.50	30.00	-----	

Divaricata, Spreading Cotoneaster. 5-6 ft.

Handsome shrub bearing pink flowers and red berries. Foliage nearly evergreen.	12 to 18 inches (B&B 15¢ extra).....	2.40	20.00	-----
18 to 24 inches (B&B 25¢ extra).....	3.50	30.00	-----	
2 to 3 feet (B&B 30¢ extra).....	4.50	40.00	-----	
3 to 4 feet (B&B 40¢ extra).....	6.50	60.00	-----	

Wilsoni, Wilsons Cotoneaster. 5 ft.

Small box-like leaves and red berries. Foliage nearly evergreen.	18 to 24 inches (B&B 25¢ extra).....	4.00	35.00	-----
2 to 3 feet (B&B 30¢ extra).....	5.00	45.00	-----	
3 to 4 feet (B&B 40¢ extra).....	7.00	65.00	-----	

CYDONIA japonica, Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.	12 to 18 inches.....	1.90	16.00	140.00
18 to 24 inches.....	2.50	22.00	200.00	
2 to 3 feet.....	3.20	28.00	250.00	
3 to 4 feet.....	4.00	35.00	-----	

Pygmaea, japonica pygmy, Dwarf Japanese Quince. 3-4 ft.

Dwarf form of Cydonia Japonica.	12 to 18 inches.....	1.90	16.00	-----
18 to 24 inches.....	2.50	22.00	-----	
2 to 3 feet.....	3.20	28.00	-----	

DAPHNE CNEORUM, Garland Flower. 2 ft.

An interesting Evergreen shrub. Attractive rose-pink flowers. April-May.	9 to 12 inches, B&B.....	8.00	75.00	-----
12 to 15 inches, B&B.....	11.00	100.00	-----	
15 to 18 inches, B&B.....	13.50	125.00	-----	

DESMODIUM (See lespedeza)**DEUTZIA gracilis, Slender Deutzia. 3 ft.**

Dwarf, blooms freely. Small pure white flowers. May.	12 to 15 inches.....	2.40	20.00	-----
15 to 18 inches.....	2.90	25.00	-----	

Lemoine Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.	12 to 18 inches.....	2.40	20.00	-----
18 to 24 inches.....	3.20	28.00	-----	

Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.	12 to 18 inches.....	.95	8.00	-----
18 to 24 inches.....	1.40	12.00	-----	
2 to 3 feet.....	2.10	18.00	150.00	
3 to 4 feet.....	2.50	22.00	200.00	
4 to 5 feet.....	3.20	28.00	-----	

ORNAMENTAL SHRUBS—Continued

DEUTZIA—Continued

Seabra Plena, Double Rose. 6-7 ft.

Vigorous growth; free flowering. Produces an abundance of double, fringy, pink flowers.	Per 10	Per 100	Per 1000
18 to 24 inches	\$1.40	\$12.00	\$
2 to 3 feet	1.90	16.00	-----
3 to 4 feet	2.40	20.00	-----

ELAEAGNUS angustifolia, Russian Olive. 20-25 ft.

Attractive silver gray leaves, white berries. Desirable for mass planting. Used frequently for hedges and windbreaks. Very hardy.			
12 to 18 inches	.60	5.00	-----
18 to 24 inches	.95	8.00	-----
2 to 3 feet	1.40	12.00	-----
3 to 4 feet	2.40	20.00	-----
4 to 5 feet	2.90	25.00	-----

(For larger sizes—See Russian Olive under Deciduous Trees)

ELDER American, *Sambucus canadensis*. 8-10 ft.

Hardy, native shrub with white fragrant flowers, June-July, followed by black berries.			
18 to 24 inches	1.80	15.00	-----
2 to 3 feet	2.40	20.00	-----
3 to 4 feet	2.90	25.00	-----

Cutleaf American *acutiloba*. 8-10 ft.

Dark green fern-like leaves, finely cut. White flowers, May-June.			
18 to 24 inches	1.80	15.00	-----
2 to 3 feet	2.40	20.00	-----
3 to 4 feet	2.90	25.00	-----

Golden American, *canadensis aurea*. 10-12 ft.

Hardy rapid growing shrub with outstanding yellow foliage.			
12 to 18 inches	1.20	10.00	-----
18 to 24 inches	1.80	15.00	-----
2 to 3 feet	2.40	20.00	-----
3 to 4 feet	2.90	25.00	-----
4 to 5 feet	4.00	35.00	-----

EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.			
12 to 18 inches	2.90	25.00	-----
18 to 24 inches	4.00	35.00	-----
2 to 3 feet	5.50	50.00	-----

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.			
18 to 24 inches	5.50	50.00	-----
2 to 3 feet	8.00	75.00	-----

Atropurpureus, Wahoo. 12-15 ft.

Native, hardy, vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.			
12 to 18 inches	1.70	14.00	-----
18 to 24 inches	2.10	18.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----

European, Burningbush, *europaeus*. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.			
12 to 18 inches	1.70	14.00	-----
18 to 24 inches	2.10	18.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	3.50	30.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

Patens, Spreading Euonymus. 4-5 ft.

	Graceful, spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.	Per 10	Per 100	Per 1000
18 to 24 inches (B&B extra @ 25¢)		\$4.50	\$40.00	\$
2 to 3 feet (B&B extra @ 30¢)		7.00	65.00	—
3 to 4 feet (B&B extra @ 40¢)		9.00	85.00	—

Yedoensis, Yeddo Euonymus. 12-15 ft.

Large shrub with masses of pink and orange four lobed fruit.				
12 to 18 inches	1.80	15.00	—	—
18 to 24 inches	2.40	20.00	—	—
2 to 3 feet	2.90	25.00	—	—
3 to 4 feet	3.50	—	—	—

EXOCHORDA grandiflora, Pearl Bush. 8-10 ft.

Dazzling white flowers in May. Attractive foliage. Prefers moist soil; will thrive in shade.				
18 to 24 inches	1.80	15.00	—	—
2 to 3 feet	2.40	20.00	—	—
3 to 4 feet	2.90	25.00	—	—

FORSYTHIA fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.				
12 to 18 inches	1.20	10.00	—	—
18 to 24 inches	1.80	15.00	—	—
2 to 3 feet	2.40	20.00	—	—
3 to 4 feet	2.90	25.00	—	—
4 to 5 feet	4.00	35.00	—	—

Intermedia, Border Forsythia. 8-10 ft.

Vigorous, spreading, bright yellow flowers early in April.				
12 to 18 inches	1.20	10.00	—	—
18 to 24 inches	1.80	15.00	—	—
2 to 3 feet	2.40	20.00	—	—
3 to 4 feet	2.90	25.00	—	—
4 to 5 feet	4.00	35.00	—	—

Intermedia Spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.				
12 to 18 inches	1.20	10.00	—	—
18 to 24 inches	1.80	15.00	—	—
2 to 3 feet	2.40	20.00	—	—
3 to 4 feet	2.90	25.00	—	—
4 to 5 feet	4.00	35.00	—	—

Suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.				
18 to 24 inches	1.90	16.00	—	—
2 to 3 feet	2.50	22.00	—	—
3 to 4 feet	3.50	30.00	—	—

FRINGE, Purple, See Rhus.

HAMAMELIS virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late autumn.				
12 to 18 inches	1.80	15.00	—	—
18 to 24 inches	2.50	22.00	—	—
2 to 3 feet	3.20	—	—	—

HONEYSUCKLE, Lonicera

Bella Albida, White Belle Honeysuckle. 10-12 ft.

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.				
12 to 18 inches	1.20	10.00	—	—
18 to 24 inches	1.80	15.00	—	—
2 to 3 feet	2.40	20.00	—	—
3 to 4 feet	2.90	25.00	—	—
4 to 5 feet	4.00	35.00	—	—

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE *Lonicera*—Continued

Grandiflora Rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright honeysuckles. Hardy, strong, upright grower.	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.20	\$10.00	\$
18 to 24 inches	1.80	15.00	-----
2 to 3 feet	2.40	20.00	-----
3 to 4 feet	2.90	25.00	-----
4 to 5 feet	4.00	35.00	-----

Morrow Honeysuckle, *morrowi*. 7-8 ft.

Spreading habit, attractive foliage. White flowers, May-June. Red berries.	1.90	16.00	-----
18 to 24 inches	2.50	22.00	-----
3 to 4 feet	3.20	28.00	-----

Pink Tatarian, *tatarica rosea*. 10-12 ft.

Hardy, vigorous grower. Pink flowers, April-May, red fruit.	1.20	10.00	-----
12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
3 to 4 feet	2.90	25.00	-----
4 to 5 feet	4.00	35.00	-----

Red Tatarian, *tatarica rubra*. 8-10 ft.

Very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.	1.20	10.00	-----
12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
3 to 4 feet	2.90	25.00	-----
4 to 5 feet	4.00	35.00	-----

HONEYSUCKLE (Also see Hedging)

HYDRANGEA *arborescens grandiflora*, Snowhill. 3-6 ft.

Large, double white flowers June-July. Thrives in shady places.	2.10	18.00	-----
12 to 18 inches	2.90	25.00	220.00
18 to 24 inches	3.50	30.00	275.00
3 to 3½ feet	4.00	35.00	-----

Paniculata Grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn, July-October.	2.10	18.00	150.00
12 to 18 inches	2.50	22.00	200.00
18 to 24 inches	3.20	28.00	250.00
2 to 3 feet	3.70	32.00	-----
3 to 3½ feet	5.50	50.00	-----
Tree Form, 2 to 3 feet	8.00	75.00	-----
“ “ 3 to 4 feet			

HYPERICUM *aureum*, Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----

ILEX *verticillata*, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

12 to 18 inches	1.70	14.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

KERRIA japonica, Single Kerria. 4 ft.

Beautiful, single, yellow flowers. June-September. Kills back in winter in this latitude.	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$2.90	\$25.00	\$.....
2 to 3 feet.....	3.50	30.00	.....

Japonica flore-pleno, Double Kerria. 4 ft.

Similar to above variety with double flowers.	3.50	30.00	.....
18 to 24 inches.....	3.50	30.00	.....
2 to 3 feet.....	4.50	40.00	.....

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.	3.50	30.00	.....
18 to 24 inches.....	3.50	30.00	.....
2 to 3 feet.....	4.50	40.00	.....
3 to 4 feet.....	5.50	50.00	.....

LESPEDEZA, formosa, Purple Bushclover (*Desmodium penduliflorum*). 5-6 ft.

An herbaceous perennial shrub with attractive purple flowers in September.	2.10	18.00	.....
2-year, Medium.....	2.90	25.00	.....
2-year, No. 1.....			

LILAC, Syringa. 12-15 ft.**French Lilaes, Named Varieties.**

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

18 to 24 inches.....	3.50	30.00	.....
2 to 3 feet.....	4.50	40.00	.....
3 to 4 feet.....	6.50	60.00	.....

s-Single

Alphonse Lavalle, d violet	Mme. Casimir Perier, d white
Belle de Nancy, d rose, white center	Mme. Lemoine, d white
Chas. Joly, d reddish purple	Marie Legraye, s white
*Chas. X., s reddish purple	Michel Buchner, d dark lilac
Ludwig Spaeth, s purple	Mont Blanc, s white
Mme. Abel Chatenay, d white	Pres. Grevy, d bluish lilac

*Prices 5¢ less on each grade.

d-Double

Mme. Casimir Perier, d white
Mme. Lemoine, d white
Marie Legraye, s white
Michel Buchner, d dark lilac
Mont Blanc, s white
Pres. Grevy, d bluish lilac

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purplish, single lilac flowers in large panicles. April-May.

12 to 18 inches.....	1.40	12.00	.....
18 to 24 inches.....	2.10	18.00	160.00
2 to 3 feet.....	2.50	22.00	200.00
3 to 4 feet.....	4.00	35.00	.....

Common White, vulgaris alba. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

12 to 18 inches.....	1.70	14.00	.....
18 to 24 inches.....	2.10	18.00	.....
2 to 3 feet.....	2.90	25.00	.....
3 to 3½ feet.....	4.50	40.00	.....

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian Lilac. Upright, vigorous grower, reddish purple flowers, April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$1.80	\$15.00	\$.....
18 to 24 inches.....	2.40	20.00	180.00
2 to 3 feet.....	2.90	25.00	220.00
3 to 4 feet.....	3.50	30.00	280.00
4 to 5 feet.....	4.00	35.00	.....

ORNAMENTAL SHRUBS—Continued

LILAC, Syringa—Continued**Dr. Breitenschneider. 8-10 ft.**

Hardy upright grower. Large attractive leaves. Beautiful lavender flowers. Villosa type, blooms late.

	Per 10	Per 100	Per 1000
18 to 24 inches	\$2.40	\$20.00	\$
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----
4 to 5 feet	5.00	45.00	-----

Japonica, Tree Lilac. 18-22 ft.

Loose bunches creamy-white flowers; handsome foliage. June-July.

18 to 24 inches	2.50	-----	-----
2 to 3 feet	3.50	30.00	-----
3 to 4 feet	4.00	-----	-----

Josikaea, Hungarian Lilac. 8-10 ft.

Upright grower, attractive dark green foliage, dark violet flowers.

18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----
4 to 5 feet	5.00	45.00	-----

Persian Purple, persica. 8-10 ft.

Spreading habit. Slender arching branches with small leaves. Pale lilac flowers, poor quality. April-May. Rothomagensis superior.

12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	3.50	30.00	-----
4 to 5 feet	4.00	35.00	-----

Rubra de Marley, vulgaris variety. 10-12 ft.

An improved strain of vulgaris lilac, often classed as a hybrid variety, producing a mass of single, rich, reddish purple flowers. Hardy and vigorous grower.

12 to 18 inches	1.90	16.00	-----
18 to 24 inches	2.40	20.00	180.00
2 to 3 feet	2.90	25.00	220.00
3 to 4 feet	4.50	40.00	-----

Villosa, Late Lilac. 8-10 ft.

Bushy, compact grower. Large, attractive leaves, pale pink flowers,

12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----

PHILADELPHUS, Mockorange (Syringa)**Banniere. 8 ft.**

New, early, semi-double, pure white. Blooms freely.

12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----

Bouquet Blanc. 4-5 ft.

Blooms freely in May and June. Very fragrant. Outstanding variety.

12 to 18 inches	1.80	15.00	-----
18 to 24 inches	2.40	20.00	-----
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----

Coronarius, Sweet Mockorange (Garland Syringa). 8-10 ft.

A popular well known, hardy shrub. White, fragrant flowers in May-June.

12 to 18 inches	.95	8.00	-----
18 to 24 inches	1.70	14.00	120.00
2 to 3 feet	2.10	18.00	150.00
3 to 4 feet	2.50	22.00	200.00
4 to 5 feet	3.20	28.00	250.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS, Mockorange—Continued**Lemoinei, Lemoine Mockorange. 4-5 ft.**

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.20	\$10.00	\$
18 to 24 inches	1.90	16.00	140.00
2 to 3 feet	2.40	20.00	180.00
3 to 3½ feet	2.90	25.00	—
4 to 5 feet	5.50	50.00	—

Virginal. 7-8 ft.

Medium grower. Loads down with beautiful fragrant semi-double flowers over a long season, beginning in May.

12 to 18 inches	2.10	18.00	—
18 to 24 inches	2.90	25.00	—
2 to 3 feet	4.00	35.00	—
3 to 4 feet	5.00	45.00	—
4 to 5 feet	5.50	50.00	—

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pods.

18 to 24 inches	1.40	12.00	—
2 to 3 feet	1.90	16.00	—
3 to 4 feet	2.40	20.00	—
4 to 5 feet	2.90	25.00	—

Goldleaf Ninebark (Spirea aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

12 to 18 inches	.95	8.00	—
18 to 24 inches	1.40	12.00	—
2 to 3 feet	1.90	16.00	—
3 to 4 feet	2.40	20.00	—
4 to 5 feet	2.90	25.00	—

Opulifolius Nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers, May-June, followed by numerous small red pods. A valuable, hardy, low growing shrub.

18 to 24 inches	1.70	14.00	—
2 to 3 feet	2.10	18.00	160.00
3 to 4 feet	2.50	22.00	200.00
4 to 5 feet	3.20	28.00	—

**PHILADELPHUS VIRGINAL—Shenandoah Grown**

Shrub headquarters offering a large assortment of popular varieties available in quantities in a range of sizes at attractive prices.

PRIVET—*Ligustrum***Amoor North, *amurensis*. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

	Per 10	Per 100	Per 1000
*9 to 12 inches, branched	\$	\$ 4.50	\$ 35.00
*12 to 18 inches, 2 canes		6.00	50.00
12 to 18 inches, 3 canes		7.00	60.00
*18 to 24 inches, 2 canes		7.00	60.00
18 to 24 inches, 3 canes and up		8.50	75.00
*2 to 3 feet, 2 and 3 canes		8.50	75.00
2 to 3 feet, 4 canes and up		12.00	100.00

(*)—FOR SPRING ONLY

California, *ovalifolium*. 12-15 ft.

An attractive, popular hedge plant where hardy.

12 to 18 inches, 3 canes and up	4.50	35.00
18 to 24 inches, 3 canes and up	5.50	45.00
2 to 3 feet, 4 canes and up	7.50	65.00

European, *vulgare*. 10-12 ft.

Dark green foliage, creamy white flowers. June-July. Blue-black berries.

12 to 18 inches	7.00	60.00
18 to 24 inches	8.50	75.00
2 to 3 feet	12.00	100.00
3 to 4 feet	15.00	—

Ibolum, Hardy California. 8-10 ft.

Upright, vigorous, with foliage similar to California but much hardier.

12 to 18 inches	4.50	40.00
18 to 24 inches	6.50	55.00
2 to 3 feet	8.50	75.00

Regal. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

12 to 18 inches	12.00	100.00
18 to 24 inches	21.00	180.00
2 to 2½ feet	28.00	250.00
2½ to 3 feet	40.00	350.00
3 to 3½ feet	45.00	—

PRUNUS, Ornamental Plums. (See Deciduous Trees.)**PURPLE FRINGE. (See Rhus.)****RHODOTYPOS *kerrioides*, Jetbead (White Kerria). 4-5 ft.**

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

	Per 10	Per 100	Per 1000
12 to 18 inches	\$1.90	\$16.00	\$
18 to 24 inches	2.50	22.00	—
2 to 3 feet	3.20	28.00	—
3 to 4 feet	4.00	35.00	—

RHUS *canadensis*, Fragrant Sumac. (Aromatic). 5-6 ft.

Aromatic shrub. Small yellowish flowers, April-May followed by red berries.

18 to 24 inches	2.40	20.00
2 to 3 feet	2.90	25.00
3 to 4 feet	3.70	32.00

***copallina*, Shining Sumac, 12-14 ft.**

Attractive foliage with striking coloring in Autumn. Showy, crimson son fruits.

18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
3 to 4 feet	4.50	40.00

ORNAMENTAL SHRUBS—Continued

RHUS—Continued

Cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers July-August, making a fine specimen.	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$3.20	\$28.00	\$
2 to 3 feet.....	4.00	35.00	-----
3 to 4 feet.....	5.50	50.00	-----
4 to 5 feet.....	6.50	60.00	-----

Glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries, August-September.	1.40	12.00	-----
18 to 24 inches.....	2.10	18.00	-----
2 to 3 feet.....	2.50	22.00	-----

Shredded or Fern-Leaved Sumac, *typhina laciniata*. 10-12 ft.

Rapid grower, attractive, long feathery leaves finely cut.	2.10	18.00	-----
18 to 24 inches.....	2.50	22.00	-----
3 to 4 feet.....	3.20	28.00	-----

Typhina, Staghorn Sumac. 15-25 ft.

Greenish flowers in dense terminal panicles, clusters of crimson berries.	1.40	12.00	-----
18 to 24 inches.....	1.90	16.00	-----
2 to 3 feet.....	2.50	22.00	-----
4 to 5 feet.....	3.50	30.00	-----

RIBES alpinum, Mountain Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers, April-May. Scarlet fruit.	1.70	14.00	-----
12 to 15 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.50	22.00	-----
2 to 2½ feet.....	3.20	28.00	-----

Odoratum, Golden Currant (Aureum). 6-8 ft.

Rapid, upright grower producing fragrant yellow flowers in April-May.	1.70	14.00	-----
18 to 24 inches.....	2.10	18.00	-----
3 to 4 feet.....	2.90	25.00	-----

ROSE ACACIA, *Robinia hispida*, (Grafted Stock). 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.	2.90	25.00	-----
18 to 24 inches.....	3.50	30.00	-----
3 to 4 feet.....	4.50	40.00	-----

SALIX purpurea, dwarf blue-leaf Arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.	1.70	14.00	-----
12 to 15 inches.....	2.10	18.00	-----
18 to 24 inches.....	2.50	22.00	-----
2 to 2½ feet.....	3.20	28.00	-----

SNOWBALL. (See Viburnum)**SORBARIA, *sorbifolia*, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy heads of white flowers, June-July.	1.40	12.00	-----
18 to 24 inches.....	1.90	16.00	-----
3 to 4 feet.....	2.50	22.00	-----

ORNAMENTAL SHRUBS—Continued

SPIREA, Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

	Per 10	Per 100	Per 1000
9 to 12 inches	\$0.95	\$ 8.00	\$ -----
12 to 15 inches	1.70	14.00	120.00
15 to 18 inches	2.10	18.00	160.00
18 to 24 inches	2.40	20.00	180.00
2 to 2½ feet	2.90	25.00	220.00

Arguta, Garland Spirea. 5-6 ft.

Upright, hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

18 to 24 inches	1.40	12.00	100.00
2 to 3 feet	1.90	16.00	140.00
3 to 3½ feet	2.40	20.00	180.00

Billiard Spirea, billardi. 5-6 ft.

Bright pink flowers in spikes, July-September.

12 to 18 inches	1.10	9.00	80.00
18 to 24 inches	1.70	14.00	120.00
2 to 3 feet	2.10	18.00	160.00
3 to 4 feet	2.50	22.00	-----

Froebel Spirea. 4 ft.

Vigorous, spreading grower. Bright pink flowers, May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

9 to 12 inches	.95	8.00	70.00
12 to 18 inches	1.20	10.00	90.00
18 to 24 inches	1.70	14.00	120.00
2 to 2½ feet	2.10	18.00	160.00

Japanese White, japonica ovalifolia (callosa alba). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

9 to 12 inches	1.70	14.00	-----
12 to 15 inches	2.40	20.00	-----
15 to 18 inches	2.90	25.00	-----
18 to 24 inches	3.50	30.00	-----

Korean, trichocarpa. 5 ft.

New hardy Spirea. Similar to Van Houtte; blooms a little later and the flowers are larger.

12 to 18 inches	.95	8.00	-----
18 to 24 inches	1.40	12.00	-----
2 to 3 feet	1.90	16.00	-----
3 to 4 feet	2.40	20.00	-----
4 to 5 feet	2.90	25.00	-----

Opulifolius, Ninebark. (See Physocarpus.)**Prunifolia, Double Bridalwreath.** 5-6 ft.

Small plum-like, double white flowers blooming profusely. Hardy.

2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	-----

Sorbifolia. (See Sorbaria.)**Thunberg Spirea, thunbergi.** 3-4 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers, April.

12 to 18 inches	1.40	12.00	-----
18 to 24 inches	2.10	18.00	150.00
2 to 2½ feet	2.40	20.00	180.00
2½ to 3 feet	2.90	25.00	220.00
3 to 3½ feet	3.50	30.00	-----

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Vanhoutte Spirea. 5-6 ft.

	Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.	Per 10	Per 100	Per 1000
12 to 18 inches		\$0.80	\$ 7.00	\$ 60.00
18 to 24 inches		1.20	10.00	90.00
2 to 3 feet		1.70	14.00	120.00
3 to 4 feet		2.10	18.00	160.00
4 to 5 feet		2.50	22.00	-----

SYMPHORICARPOS, Snowberry

Chenaulti, Improved Coral Berry. 6-8 ft.

New, very small leaves; graceful arching branches; pink flowers, red fruit.				
12 to 18 inches	.70	6.00	-----	
18 to 24 inches	1.10	9.00	80.00	
2 to 3 feet	1.70	14.00	120.00	
3 to 3½ feet	2.10	18.00	-----	

Racemosus, Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.				
12 to 18 inches	.70	6.00	-----	
18 to 24 inches	1.10	9.00	80.00	
2 to 3 feet	1.70	14.00	120.00	
3 to 3½ feet	2.10	18.00	-----	

Vulgaris, Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.				
12 to 18 inches	.70	6.00	-----	
18 to 24 inches	1.10	9.00	80.00	
2 to 3 feet	1.70	14.00	120.00	
3 to 3½ feet	2.10	18.00	-----	

SUMAC (See *Rhus*)

TAMARIX

Grown chiefly for its fine, graceful foliage and showy panicles of flowers.				
12 to 18 inches	.95	8.00	-----	
18 to 24 inches	1.40	12.00	-----	
2 to 3 feet	1.90	16.00	-----	
3 to 4 feet	2.40	20.00	-----	

SILVER FOLIAGE VARIETIES

Amurensis, Amur Tamarix, Hort. Variety Pentandra. 8-10 ft.

Strong growing, hardy shrub with purple branches, silvery foliage with pink flowers in large panicles.

Hispida, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers, June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

Odessana, Odessa Tamarix, 6-8 ft.

Upright slender branches. Light silver foliage, light pink flowers in slender racemes.

GREEN FOLIAGE VARIETIES

Africana. 12-15 ft.

Feathery green foliage, pink flowers early in spring before leaves.

Gallica Indica. 10-12 ft.

Upright grower, green foliage, pink flowers, May.

Tetandra purpurea. 12-15 ft.

Bright green foliage. Vigorous. One of the hardiest pink flowers, May-June.

ORNAMENTAL SHRUBS—Continued

TAMARIX hispida rubra, Summer Glow. 12-15 ft.	Per 10	Per 100	Per 1000
New bright wine-red flowering variety of Tamarix-Hispida.			
2 year well furnished plants	\$3.50	\$30.00	\$

VIBURNUM, americanum, American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.			
12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.90	25.00	-----
2 to 3 feet	3.50	30.00	-----
3 to 4 feet	4.50	-----	

Dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.			
12 to 18 inches	1.40	12.00	-----
18 to 24 inches	2.10	18.00	160.00
2 to 3 feet	2.50	22.00	200.00
3 to 4 feet	3.50	30.00	280.00
4 to 5 feet	4.00	35.00	-----

Lantana, Wayfaring Tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

12 to 18 inches	1.40	12.00	-----
18 to 24 inches	2.25	19.00	160.00
2 to 3 feet	2.50	22.00	200.00
3 to 4 feet	3.50	30.00	280.00
4 to 5 feet	4.00	35.00	-----

Lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

12 to 18 inches	1.70	14.00	-----
18 to 24 inches	2.10	18.00	-----
2 to 3 feet	2.50	22.00	-----
3 to 4 feet	3.50	30.00	-----
4 to 5 feet	4.50	40.00	-----

Molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers, April-May. Blue-black fruit.

12 to 18 inches	1.40	12.00	-----
18 to 24 inches	2.10	18.00	160.00
2 to 3 feet	2.50	22.00	200.00
3 to 4 feet	3.50	30.00	280.00
4 to 5 feet	4.00	35.00	-----

Opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 inches	2.10	18.00	-----
18 to 24 inches	2.50	22.00	-----
2 to 3 feet	3.20	28.00	-----
3 to 4 feet	4.00	35.00	320.00
4 to 5 feet	5.00	45.00	-----

Opulus Sterilis, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

12 to 18 inches	2.10	18.00	160.00
18 to 24 inches	2.50	22.00	200.00
2 to 3 feet	2.90	25.00	-----
3 to 4 feet	4.00	35.00	320.00

Prunifolium, Blackhaw. 10-12 ft.

Pure white flowers followed by blue-black berries. April-June.

2 to 3 feet	4.00	35.00	-----
3 to 4 feet	5.00	45.00	-----
4 to 5 feet	6.00	-----	

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Pubescens, Downy Viburnum. 3-6 ft.

Dwarf grower with greenish white flowers followed by black fruit.	Per 10	Per 100	Per 1000
12 to 18 inches.....	\$2.10	\$18.00	\$-----
18 to 24 inches.....	2.90	25.00	-----
2 to 3 feet.....	3.00	-----	-----

VITEX Macrophylla, Big-Leaved Chaste Tree. 5-6 ft.

Semi-dwarf flowers of lavender-blue. Semi-hardy.	1.80	15.00	-----
12 to 18 inches.....	2.40	20.00	-----
18 to 24 inches.....	3.00	-----	-----

WEIGELA

Bristol Ruby (Patent No. 492) 6-7 ft.

New ruby-red Weigela recommended for its hardiness and habit of growth, making a well formed plant.	4.20	37.50	-----
(Retails \$1.00 each; \$10.00 per doz.)			

Dwarf Variegated, Variegated Leaf Weigela. 4-5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers, May-June.	1.70	14.00	-----
12 to 18 inches.....	2.10	18.00	-----

Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.	1.80	15.00	-----
12 to 18 inches.....	2.50	22.00	-----
18 to 24 inches.....	3.20	28.00	-----
2 to 3 feet.....	4.50	40.00	-----

Rosea, Pink Weigela. 6-8 ft.

Popular shrub with beautiful showy pink flowers, May-June.	1.20	10.00	-----
12 to 18 inches.....	1.90	16.00	140.00
18 to 24 inches.....	2.40	20.00	180.00
2 to 3 feet.....	2.90	25.00	-----

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, thunbergi, Japanese Barberry.

Per 100	Per 1000
9 to 12 inches, 2 year seedlings, branched.....	\$ 2.50
12 to 18 inches, 2 year seedlings, branched.....	3.50
18 to 24 inches, 2 year seedlings, branched.....	6.00
9 to 12 inches, transplanted, 2 year branched.....	6.00
12 to 15 inches, transplanted, 2 year branched, bushy.....	8.50
	75.00

CARAGANA arborescens, Siberian Peatree.

6 to 12 inches, seedlings.....	.80	7.00
12 to 18 inches, seedlings.....	1.20	10.00
18 to 24 inches, seedlings.....	1.70	14.00
2 to 3 feet, seedlings.....	2.10	18.00

HONEYSUCKLE, Lonicera, upright hardy varieties.

Tatarian, Pink, Red, White.

12 to 18 inches.....	5.60	50.00
18 to 24 inches.....	8.00	70.00

MULBERRY, RUSSIAN. (See Deciduous Tree Seedlings).

PRIVET. (See Shrubs.)

RUSSIAN OLIVE. (See Deciduous Tree Seedlings.)

SPIREA, Van Houtte.

10 to 15 inches.....	4.50	40.00
12 to 18 inches.....	5.60	50.00
18 to 24 inches.....	7.50	65.00

VINES

Tied, 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle

AMPELOPSIS, Boston Ivy, tricuspidata (Veitchi). 40-50 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side. Per 10 Per 100 Per 1000

2 year Medium.....	\$2.40	\$20.00	\$180.00
2 year No. 1.....	2.90	25.00	220.00
3 year No. 1.....	3.50	30.00	-----

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

2 year Medium.....	1.40	12.00	100.00
2 year No. 1.....	1.90	16.00	140.00
3 year No. 1.....	2.10	18.00	-----

St. Pauli, saintpauli.

An improved type of Engelmanni.

2 year No. 1.....	2.10	18.00	-----
3 Year No. 1.....	2.40	20.00	-----

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

2 year Medium.....	1.40	12.00	100.00
2 year No. 1.....	1.90	16.00	140.00
3 year No. 1.....	2.10	18.00	-----

ARISTO tomentosa, Pipe Vine. 20-35 ft.

Flowers yellow, leaves much smaller than a Siphon.

2 year Medium.....	1.20	10.00	-----
2 year No. 1.....	1.70	14.00	-----
3 year No. 1.....	2.10	18.00	-----

Siphon, Dutchman's Pipe. 30-40 ft.

Rapid growing hardy vine with large attractive round leaves. Odd shaped, brownish flowers resembling pipes in May-June.

18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----

BIGNONIA, radicans, Trumpet Vine. 20-30 ft.

Upright growing vine. Trumpet shaped, scarlet flowers. July-August.

2 year Medium.....	1.10	9.00	-----
2 year No. 1.....	1.40	12.00	-----
3 year No. 1.....	1.80	15.00	-----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

2 year Medium.....	1.40	12.00	-----
2 year No. 1.....	1.90	16.00	-----
3 year No. 1.....	2.40	20.00	-----

Scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

2 year Medium.....	1.40	12.00	-----
2 year No. 1.....	1.90	16.00	-----
3 year No. 1.....	2.40	20.00	-----

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers.

*3 inch pots, staked with 24 inch tops.....	3.20	28.00	-----
2 year Medium, dormant.....	3.50	30.00	-----
2 year No. 1, dormant.....	4.50	40.00	-----
Henryi, white.....	Mme. Edouard Andre, red		
Jackmani, purple.....	Ramona, light blue		

* Pot plants available for Spring only.

VINES—Continued

CLEMATIS, Large Flowering—Continued



A truly large-flowering Red Clematis of the Jack-manni type. More and larger blooms on vines of unusual vigor. Color plates, folders, etc., will be ready soon. A "Leader" for catalogues, agents and all other outlets.

	Wholesale Prices		Retail Resale Prices	
	Per 10	Per 100	Each	Per 12
	\$8.50	\$75.00	\$1.50	\$15.00

Crispa, Curly Clematis. 3-4 ft.

A slender vine with purplish flowers. Fragrant.

	Per 10	Per 100	Per 1000
2 year No. 1		\$1.80	\$15.00

Paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in September.

2 year Medium	2.40	20.00	-----
2 year No. 1	2.90	25.00	-----

*Texensis, Scarlet Clematis (coccinea). 5-6 ft.

Large, bell shaped scarlet flowers. Attractive foliage.

2 year No. 1	1.80	15.00	-----
(*) FOR SPRING ONLY.			

EUONYMUS

Radicans, Wintercreeper. 5-6 ft.

Evergreen, shining deep green foliage. Upright habit. Needs some protection.

2 year Medium	2.50	22.00	-----
2 year No. 1	3.50	30.00	-----
3 year No. 1	4.00	35.00	-----

Radicans Colorata, Redleaved Wintercreeper.

Almost evergreen. Long, narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

2 year Medium	2.40	20.00	-----
2 year No. 1	2.90	25.00	-----
3 year No. 1	3.50	30.00	-----

Radicans Vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen. Dark green, thick leaves, producing bright scarlet berries.

2 year Medium	3.50	30.00	-----
2 year No. 1	4.50	40.00	-----
3 year No. 1	5.50	50.00	-----

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

2½ inch pot plants	1.20	10.00	-----
2 year Medium	1.40	12.00	-----
2 year No. 1	1.90	16.00	-----

HONEYSUCKLE, Lonicera.

Gold Flame. 15 ft.

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

2 year No. 1	3.50	30.00	250.00
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Hall's Japan, *japonica halleiana*. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

2 year Medium	1.10	9.00	-----
2 year No. 1	1.40	12.00	100.00
3 year No. 1	1.90	16.00	140.00

HONEYSUCKLE, *Lonicera*—Continued**Heckrottii, (Summer King) 15 ft.**

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

	Per 10	Per 100	Per 1000
2 year Medium	\$2.10	\$18.00	\$
2 year No. 1	2.50	22.00	-----

Scarlet Trumpet Honeysuckle, *semperflorens*. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.			
2 year Medium	1.40	12.00	-----
2 year No. 1	1.90	16.00	-----
3 year No. 1	2.40	20.00	-----

POLYGONUM auberti, China Fleecevine. 25-30 ft.

Rapid growing climber producing throughout summer and fall large foamy sprays of creamy white flowers.

2 year Medium	2.40	20.00	-----
2 year No. 1	2.90	25.00	-----

WISTERIA, American frutescens. 20-25 ft.

Tall, vigorous climber. Lilac purple flowers, June-July.			
2 year Medium, grown from blooming wood	1.70	14.00	120.00
2 year No. 1, grown from blooming wood	2.10	18.00	150.00
3 year No. 1, grown from blooming wood	2.50	22.00	200.00

Chinese Blue or White. 30-40 ft.

Long clusters showy flowers in May.			
2 year Medium, grafts	2.40	20.00	-----
2 year No. 1, "	2.90	25.00	-----
3 year No. 1, "	3.50	30.00	-----

Multijuga, Long Clusters Wisteria, Blue. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two or three feet. Valuable.			
2 year Medium, grafts	1.80	15.00	-----
2 year No. 1, "	2.40	20.00	-----
3 year No. 1, "	2.90	25.00	-----

EVERGREENS**Prices are for Evergreens Securely Balled and Burlapped.**

Can dig Evergreens, roots puddled at the following reduction in price:
12 to 18 inches at 15¢. 18 to 24 inches at 20¢. 2 to 3 feet at 25¢.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 10% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

We cannot assume responsibility for the successful transplanting of Evergreens, as weather conditions, method of handling and care govern results secured and are sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

ARBOR VITAE, *Thuja***Occidentalis, American. 30-40 ft.**

Hardy, pyramidal tree with broad base. Deep green to bright golden. Valuable for general planting, also for hedges and windbreaks.

	Per 10	Per 100
18 to 24 inches	\$ 8.00	\$ 75.00
2 to 3 feet	11.00	100.00

Occidentalis Globosa, Globe Arbor Vitae. 2½-3 ft.

Naturally globe shaped. Useful in formal work.

12 x 12 inches	8.50	75.00
15 x 15 inches	11.00	100.00
18 x 18 inches	12.50	-----

EVERGREENS—Continued

ARBOR VITAE, *Thuja*—Continued**Occidentalis Pyramidalis, American Pyramidal. 20-30 ft.**

Broad at base, tapering to the top. Straight narrow columnar shape.		
Splendid for accents or formal plantings. Bright green the year around.	Per 10	Per 100
18 to 24 inches.....	\$11.00	\$100.00
2 to 2½ feet.....	14.00	125.00
2½ to 3 feet.....	16.50	-----

Occidentalis Woodwardi, Woodwards Globe. 2½-3 ft.

Forms a natural globe up to three feet in diameter. Foliage softer and slightly darker than other varieties. Of compact, even, regular shape.

12 x 12 inches.....	8.00	75.00
15 x 15 inches.....	11.00	-----
18 x 18 inches.....	12.50	-----

FIR, *Abies***CONCOLOR, White Fir. 70-80 ft.**

Silvery toned foliage varying from sea-green to deep blue. Forms a compact symmetrical tree.

18 to 24 inches.....	15.00	-----
2 to 3 feet.....	20.00	-----
3 to 4 feet.....	32.50	-----
4 to 5 feet.....	40.00	-----

PSEUDOTSUGA DOUGLASI, Douglas Fir. 70-80 ft.

A Colorado specie of rapid growth. Makes a large symmetrical tree. Foliage bluish-green. Very drought resisting and may be planted in dry soils where others cannot survive.

2 to 3 feet.....	14.00	125.00
3 to 4 feet.....	22.50	200.00
4 to 5 feet.....	30.00	-----
5 to 6 feet.....	40.00	-----

JUNIPER, *Juniperus***CHINENSIS COLUMNARIS GLAUCA, Blue Columnar Chinese Juniper. 20-25 ft.**

Very rapid growing Evergreen. Forms a tall narrow column of blue foliage. Spire-like effect.

2½ to 3 feet.....	17.50	-----
3 to 3½ feet.....	22.50	-----
3½ to 4 feet.....	30.00	-----
4 to 4½ feet.....	35.00	-----
4½ to 5 feet.....	40.00	-----
5 to 6 feet.....	45.00	-----

CHINENSIS PFITZERIANA, Pfitzer Juniper, 5-6 ft.

Handsome gray green foliage. A valuable hardy variety succeeding almost everywhere.

15 to 18 inches.....	14.00	125.00
18 to 24 inches.....	16.50	150.00
2 to 2½ feet.....	22.00	200.00
2½ to 3 feet.....	27.50	250.00
3 to 3½ feet.....	32.50	300.00
3½ to 4 feet.....	37.50	350.00
4 to 5 feet.....	45.00	425.00
5 to 6 feet.....	55.00	-----
2½ to 3 feet, Staked Upright, Heavy.....	32.50	-----
3 to 3½ feet, " " " ".....	40.00	375.00
3½ to 4 feet, " " " ".....	45.00	425.00

CHINENSIS PFITZERIANA COMPACTA, Compact Pfitzer Juniper.

A compact form of the well known Pfitzer Juniper. This new variety remains bushy and compact.

2 to 2½ feet.....	25.00	-----
2½ to 3 feet.....	30.00	-----

EVERGREENS—Continued**JUNIPER—Continued****COMMUNIS ASHFORDI, Ashford Juniper. 10 ft.**

Of open loose growth, branched at groundline. Short needles of silvery grayish green deepening into purple shades during winter.

	Per 10	Per 100
15 x 15 inches	\$14.00	\$125.00
18 x 18 inches	17.50	160.00
24 x 24 inches	22.50	200.00

COMMUNIS CANADENSIS, Canada Juniper. 2½-3 ft.

Low, vase shaped habit of growth. Bright green foliage, light blue berries.

2½ to 3 feet	22.50	-----
3 to 3½ feet	26.50	-----

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in autumn.

15 to 18 inches	12.50	115.00
18 to 24 inches	15.00	135.00
2 to 2½ feet	20.00	175.00
2½ to 3 feet	22.50	200.00
3 to 3½ feet	25.00	225.00

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

18 to 24 inches	8.00	75.00
2 to 3 feet	11.00	100.00
3 to 4 feet	16.50	150.00
4 to 5 feet	22.50	200.00

PROCUMBENS, Creeping Chinese Juniper.

The best of creepers. Foliage bright bluish cast. Will grow anywhere.

18 to 24 inches	16.50	-----
2 to 2½ feet	22.50	200.00
2½ to 3 feet	25.00	-----

PROSTRATE

These superior low, dense growing strains of Prostrate Juniper are the best we have ever seen. Of Rocky Mountain origin, extremely hardy and very desirable for bank and ground covering. Color varying from green to silver. 6 to 8 inches in height.

18 to 24 inches	13.50	-----
2 to 2½ feet	20.00	175.00
2½ to 3 feet	22.50	200.00
Admirabilis	Eximus	Planifolius
Adpressus		Subglaucus

SABINA, Savin Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and for underplanting.

15 to 18 inches	12.50	115.00
18 to 24 inches	16.50	150.00
2 to 2½ feet	20.00	185.00
2½ to 3 feet	25.00	225.00
3 to 3½ feet	28.50	260.00

SABINA HORIZONTALIS, Creeping Savin. 6-8 ft.

Trailing stems and upright spreading branches. Dark green foliage.

18 to 24 inches	13.50	-----
2 to 2½ feet	16.00	-----
2½ to 3 feet	20.00	-----
3 to 3½ feet	25.00	-----
3½ to 4 feet	30.00	-----

EVERGREENS—Continued

JUNIPER—Continued

SABINA TAMARISCIFOLIA, Tamarix Savin Juniper. 18-24 inches.

Dwarf spreading habit. Foliage silvery green with soft texture.	Per 10	Per 100
15 to 18 inches	\$14.00	\$-----
18 to 24 inches	20.00	-----
2 to 2½ feet	25.00	225.00
2½ to 3 feet	30.00	-----

SCOPULORUM, Colorado Silver Juniper. 25-30 ft.

Silvery foliage and close symmetrical upright growth. Thrives in hot, dry weather when the color is brightest. Very hardy.

18 to 24 inches	15.00	135.00
2 to 2½ feet	17.50	160.00
2½ to 3 feet	21.00	190.00
3 to 3½ feet	25.00	225.00
3½ to 4 feet	28.50	260.00
4 to 4½ feet	32.50	300.00
4½ to 5 feet	40.00	375.00
5 to 6 feet	46.00	435.00
6 to 8 feet	55.00	-----
12 x 12 inches, Globe Sheared	13.50	-----
15 x 15 inches, " "	16.50	-----

SCOPULORUM FULGENS. 20-30 ft.

Upright pyramidal habit of growth with bluish-green foliage, more silver at tips.

2½ to 3 feet	27.50	-----
3 to 3½ feet	32.50	-----
3½ to 4 feet	37.50	-----
4 to 4½ feet	42.50	-----

SCOPULORUM FUNALIS. 20-30 ft.

Pyramidal habit of growth with bluish-green, whipcord foliage, slightly silver tinged in winter.

2½ to 3 feet	27.50	-----
3 to 3½ feet	32.50	-----
3½ to 4 feet	37.50	-----
4 to 4½ feet	42.50	-----
4½ to 5 feet	47.50	-----

SCOPULORUM MOFFETI. 20-30 ft.

Pyramidal habit of growth with mixed green and silver foliage, more silver on tips of branches.

2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	-----

SCOPULORUM PATHFINDER

A bluish-silver type of Scopulorum with very pyramidal habit of growth and with Arbor Vitae-like flat foliage. This variety is increasing rapidly in popularity.

2 to 2½ feet	22.50	-----
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 4½ feet	42.50	400.00
4½ to 5 feet	47.50	-----

SCOPULORUM SILVER BEAUTY. 20-30 ft.

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

2½ to 3 feet	27.50	-----
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 4½ feet	42.50	-----

EVERGREENS—Continued

JUNIPER—Continued

SCOPULORUM WELCHI. 20-30 ft.

Grafted columnar type Scopulorum with greenish-silver foliage. Pyramidal habit of growth retained without shearing.

	Per 10	Per 100
2½ to 3 feet	\$30.00	\$275.00
3 to 3½ feet	32.50	—
3½ to 4 feet	37.50	—
4 to 4½ feet	42.50	—

VIRGINIANA, Red Cedar. 30-40 ft.

Platte River Strain. Upright growth, deep green foliage, sometimes silver. Excellent pyramidal tree if kept sheared. Can be sheared into any form.

18 to 24 inches	10.00	90.00
2 to 3 feet	14.00	125.00
3 to 3½ feet	16.50	150.00
3½ to 4 feet	20.00	185.00
4 to 5 feet	26.00	235.00
5 to 6 feet	37.50	350.00
6 to 8 feet	50.00	475.00
12 x 12 inches, Globe Sheared	12.50	110.00
15 x 15 " " "	16.00	135.00
18 x 18 " " "	18.00	165.00
24 x 24 " " "	22.50	200.00

VIRGINIANA BLUE RAPIDS. 30-40 ft.

Pyramidal growing Juniper carrying blue-green foliage retaining its good color throughout the fall and winter. Hardy.

3½ to 4 feet	35.00	—
4 to 4½ feet	40.00	—
4½ to 5 feet	45.00	—
5 to 6 feet	55.00	—

VIRGINIANA BURKI, Burk's Juniper. 10-12 ft.

Distinct blue, forming a dense column. Winter coloring metallic purple.

2½ to 3 feet	25.00	—
3 to 3½ feet	30.00	275.00
3½ to 4 feet	35.00	325.00
4 to 4½ feet	40.00	375.00
4½ to 5 feet	45.00	425.00
5 to 6 feet	50.00	—

VIRGINIANA CANNARTI, Cannart Red Cedar

Foliage deep rich green. One of the best of the many grafted varieties.

2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 4½ feet	42.50	400.00
4½ to 5 feet	47.50	—
5 to 6 feet	57.50	—

VIRGINIANA ELEGANTISSIMA LEE, Gold Tip Red Cedar. 12-15 ft.

Dark green foliage. Golden tipped in autumn.

2 to 2½ feet, sheared upright	20.00	—
2½ to 3 feet, sheared upright	25.00	—
3 to 3½ feet, sheared upright	30.00	—
3½ to 4 feet, sheared upright	35.00	—

EVERGREENS—Continued

JUNIPER—Continued

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

	Per 10	Per 100
Of striking blue color all season. Growth rapid.		
2 to 2½ feet	\$22.50	\$200.00
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	37.50	350.00
4 to 4½ feet	40.00	-----
4½ to 5 feet	45.00	-----

VIRGINIANA PYRAMDALIS, Pyramidal Red Cedar. 20-25 ft.

Green foliage, narrow columnar habit of growth. An attractive Evergreen.

2 to 2½ feet	22.00	200.00
2½ to 3 feet	27.50	250.00
3 to 3½ feet	32.50	300.00
3½ to 4 feet	35.00	-----
4 to 4½ feet	40.00	-----

VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper. 15-20 ft.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

3 to 3½ feet	30.00	-----
3½ to 4 feet	35.00	-----
4 to 4½ feet	40.00	-----
4½ to 5 feet	45.00	-----

PINE, *Pinus*

BANKSIANA, Jack Pine. 40-50 ft.

Most northern of all pines. Hardy and fast growing. Foliage bright green.

3 to 4 feet	15.00	-----
4 to 5 feet	20.00	-----
5 to 6 feet	30.00	-----

MONTANA MUGHUS, Mugho Pine. 3-4 ft.

Deep green in summer and winter. Free from insects and pests and will grow in almost any location.

12 to 15 inches	14.00	125.00
15 to 18 inches	18.00	165.00
18 to 24 inches	22.50	200.00
2 to 2½ feet	27.50	250.00

NIGRA, Austrian Pine. 60-70 ft.

Deep rich green color. Growth close and compact. Coal gas and smoky atmospheres have very little effect on its growth.

18 to 24 inches	12.50	110.00
2 to 3 feet	16.50	150.00
3 to 4 feet	25.00	225.00
4 to 5 feet	35.00	300.00
5 to 6 feet	40.00	375.00

PONDEROSA, Western Yellow Pine, Bull Pine. 50-100 ft.

Extra long, dark green needles resembling Austrian Pine, but more rapid grower. Very hardy.

2 to 3 feet	16.50	150.00
3 to 4 feet	20.00	185.00
4 to 5 feet	27.50	250.00

SYLVESTRIS, Scotch Pine. 60-70 ft.

Light green in color. The rapidity of growth, great hardiness and the ease with which it may be grown on almost all soils has made this tree a favorite.

2 to 3 feet	14.00	125.00
3 to 4 feet	17.50	160.00
4 to 5 feet	22.50	200.00
5 to 6 feet	27.50	-----

EVERGREENS—Continued

SPRUCE, PICEA

CANADENSIS, White Spruce. 60-80 ft.

Dense habit of growth with silvery green foliage. Beautiful hardy ornamental Spruce. Should be planted freely.	Per 10	Per 100
18 to 24 inches	\$11.00	\$100.00
2 to 3 feet	15.00	135.00
3 to 4 feet	22.50	200.00
4 to 5 feet	25.00	-----

CANADENSIS ALBERTIANA, Black Hills Spruce. 40-50 ft.

Hardest of all Spruces. Symmetrical, compact and bushy habit of growth. Foliage varies from green to bluish tint.

15 to 18 inches	10.00	85.00
18 to 24 inches	13.50	115.00
2 to 2½ feet	16.00	140.00
2½ to 3 feet	20.00	185.00
3 to 3½ feet	25.00	235.00
3½ to 4 feet	32.50	275.00
4 to 5 feet	40.00	350.00
5 to 6 feet	50.00	-----

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for wind-breaks and general planting. Rapid growth.

18 to 24 inches	11.00	100.00
2 to 3 feet	15.00	135.00
3 to 4 feet	22.50	200.00
4 to 5 feet	30.00	-----

PUNGENS, Colorado Green Spruce. 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

18 to 24 inches	14.00	125.00
2 to 2½ feet	16.50	150.00
2½ to 3 feet	22.50	200.00
3 to 3½ feet	27.50	-----

PUNGENS GLAUCA, Colorado Blue Spruce. 60-80 ft.

Select seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

18 to 24 inches	25.00	-----
2 to 2½ feet	30.00	-----
2½ to 3 feet	35.00	-----
3 to 3½ feet	40.00	-----

PUNGENS GLAUCA MOERHEIMI, Moerheim Blue Spruce. 60-80 ft.

A symmetrical grafted type of Blue Spruce. Superior in color and compactness.

2½ to 3 feet	55.00	-----
3 to 3½ feet	67.50	-----
3½ to 4 feet	80.00	-----
4 to 4½ feet	100.00	-----
4½ to 5 feet	120.00	-----

TAXUS, Yew

CUSPIDATA, Spreading Japanese Yew. 5-6 ft.

Spreading form. Dark green needles. Valuable for foundation planting.

12 to 15 inches	15.00	-----
15 to 18 inches	22.50	200.00
18 to 24 inches	27.50	250.00
2 to 2½ feet	32.50	-----

EVERGREENS FOR LINING OUT

The careful growing and handling of Evergreen Lining Out Stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

Root Pruned Grades, except grafting stock, are available for SPRING ONLY.

50 of any variety and size at the hundred rate
500 of any variety and size at the thousand rate.

Key: **TTT**—Three times Transplanted **RP**—Root Pruned
TT—Two times Transplanted **S**—Seedling
T—Once Transplanted

OUR ROOT PRUNED STOCK WILL PLEASE YOU

ABIES BALSAM (Balsam Fir)

Rapid grower. Color is dark green with lighter green on the under-side. Each twig ends in a globule of balsam gum.

	Per 100	Per 1000
9 to 12 inches TTT-----	\$11.00	\$100.00
12 to 15 inches TTT-----	14.00	120.00

ABIES CONCOLOR (Concolor Fir)

Silvery toned foliage varying from sea-green to deep blue. Forms a compact, symmetrical tree.

12 to 18 inches TTT-----	16.00	140.00
9 to 12 inches TTT-----	13.00	110.00
6 to 9 inches TTT-----	10.00	85.00
9 to 12 inches T-----	8.00	70.00
9 to 12 inches RP-----	9.00	80.00
6 to 9 inches RP-----	7.00	60.00

ABIES DOUGLASI (Douglas Fir)

Makes a large symmetrical tree. Foliage bluish green. Very drought resisting and may be planted in dry soils where others cannot survive.

9 to 12 inches TTT-----	13.00	110.00
6 to 9 inches TTT-----	10.00	85.00
9 to 12 inches T-----	9.00	80.00
6 to 9 inches T-----	7.00	60.00

JUNIPER, Named Varieties, Field grown grafts 2 to 2½ feet TTT----- \$65.00 \$ -----
 " " " " " 18 to 24 inches TT----- 50.00 -----

The following are evergreen grafts, on Juniper Virginiana understocks, that have been grown in the open field for one year. They are suitable for transplanting directly in the open field.

Juniper Virginiana Canareti
 Juniper Virginia Glauca
 Juniper Scopulorum Blue Heaven
 Juniper Scopulorum Dew Drop
 Juniper Scopulorum Fulgens
 Juniper Scopulorum Funalis
 Juniper Scopulorum Moffeti
 Juniper Scopulorum Pathfinder
 Juniper Scopulorum Silver Beauty
 Juniper Scopulorum Silver Cord
 Juniper Scopulorum Sutherland
 Juniper Scopulorum Weiri
 Juniper Scopulorum Welchi

EVERGREENS FOR LINING OUT—Continued**JUNIPER CHINESE**

Columnar growing evergreen with foliage light green, slightly bluish in color. Often used as an understock for grafting junipers.

	Per 100	Per 1000
12 to 18 inches T	\$13.00	\$110.00
9 to 12 inches T	10.00	90.00
6 to 9 inches T	7.50	65.00
12 to 18 inches RP	9.00	80.00
9 to 12 inches, RP	7.50	65.00

JUNIPER COMMUNIS DEPRESSA (Prostrate Juniper)

Low spreading, and vase-shaped habit of growth, with silvery-green foliage.

12 to 15 inches TTT	18.00	-----
9 to 12 inches TTT	15.00	-----
9 to 12 inches TT	12.00	-----
6 to 9 inches TT	10.00	-----

JUNIPER COMMUNIS DEPRESSA PLUMOSA (Andorra Juniper)

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

12 to 15 inches TTT	20.00	-----
9 to 12 inches TTT	16.00	-----
9 to 12 inches TT	14.00	-----

JUNIPER COMMUNIS SUECICA (Swedish Juniper)

Grayish-green prickly needles. Compact and pyramidal habit. Very hardy.

6 to 9 inches TT	12.50	-----
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JUNIPER SCOPULORUM (Montana Type)

Very columnar grower with smooth foliage and dull leaved.

18 to 24 inches TTT	25.00	-----
12 to 18 inches TTT	18.00	-----
9 to 12 inches TT	10.00	-----
6 to 9 inches TT	8.00	-----

JUNIPER SCOPULORUM (Colorado Type)

Silvery foliage and close symmetrical upright growth. Thrives in hot dry weather, when the color is the brightest. Very hardy.

18 to 24 inches TTT	28.00	250.00
15 to 18 inches TTT	21.00	180.00
12 to 15 inches TT	14.00	120.00
9 to 12 inches TT	12.00	100.00
12 to 15 inches RP	7.50	65.00
9 to 12 inches RP	6.00	50.00
2/16 inch caliper, understocks	5.00	45.00

JUNIPER VIRGINIANA (Platte River Type)

Best Virginiana.

2 to 3 feet TTT	25.00	225.00
18 to 24 inches TTT	21.00	180.00

LARIX EUROPEAN

A deciduous evergreen, shedding leaves in Autumn.

18 to 24 inches TT	10.00	-----
12 to 18 inches T	7.50	-----
9 to 12 inches T	6.00	-----

EVERGREENS FOR LINING OUT—Continued

PICEA CANADENSIS ALBA (White Spruce)

Grows nearly as fast as Norway and is more compact. Makes good understocks for grafting. Seed obtained from Northern Minnesota.

	Per 100	Per 1000
18 to 24 inches TTT	\$25.00	\$200.00
12 to 18 inches TTT	20.00	170.00
9 to 12 inches TT	9.00	80.00
6 to 9 inches TT	8.00	70.00
12 to 18 inches T	9.00	80.00
9 to 12 inches T	7.50	65.00
9 to 12 inches RP	6.50	55.00
6 to 9 inches RP	5.50	45.00

PICEA CANADENSIS ALBERTIANA (Black Hills Spruce)

Needs no introduction. Seed obtained in the Black Hills of South Dakota.

9 to 12 inches TTT	15.00	130.00
6 to 9 inches TTT	12.00	100.00
9 to 12 inches TT	12.00	100.00
6 to 9 inches TT	9.00	80.00
9 to 12 inches T	9.00	80.00
6 to 9 inches T	7.50	65.00
4 to 6 inches T	5.50	45.00
9 to 12 inches RP	7.50	65.00
6 to 9 inches RP	6.00	50.00
4 to 6 inches RP	5.00	40.00

PICEA EXCELSA (Norway Spruce)

A fast growing tree with bright green foliage. Makes a good wind-break as well as an ornamental tree. Used for understocks. Seeds obtained in Northern Europe.

18 to 24 inches TTT	25.00	200.00
12 to 18 inches TTT	20.00	170.00
9 to 12 inches TTT	16.00	140.00
12 to 18 inches TT	14.00	120.00
9 to 12 inches TT	12.00	100.00
12 to 18 inches T	9.00	80.00
9 to 12 inches T	7.50	65.00
6 to 9 inches T	6.00	50.00
9 to 12 inches RP	5.00	40.00
6 to 9 inches RP	5.00	45.00

PICEA PUNGENS GLAUCA (Colorado Blue Spruce)

Foliage ranging from green to silver white. Very popular for lawn planting. We make an effort to get seeds from bluest trees in Colorado. We do not select the blue ones out before shipping.

6 to 9 inches TTT	16.00	140.00
6 to 9 inches TT	12.00	100.00
12 to 18 inches T	14.00	125.00
6 to 9 inches T	10.00	90.00
6 to 9 inches RP	7.00	60.00

PINUS BANKSIANA (Jack Pine)

Most northern of all pines. Hardy and fast growing. Foliage bright green.

18 to 24 inches RP	6.00	50.00
12 to 18 inches RP	5.00	40.00
9 to 12 inches RP	4.00	30.00

EVERGREENS FOR LINING OUT—Continued**PINUS MUGHUS DWARF**

Per 100 Per 1000

Dwarf pine of many branches. Used in rockeries and in foundation planting. Seed obtained from the Alps Mountains.

9 to 12 inches TTT	\$22.00	\$200.00
6 to 9 inches TTT	17.50	—
9 to 12 inches TT	18.00	150.00
9 to 12 inches T	13.00	110.00
6 to 9 inches T	10.00	90.00
9 to 12 inches RP	8.50	75.00
6 to 9 inches RP	7.50	65.00
4 to 6 inches RP	5.00	40.00

PINUS NIGRA (Austrian Pine)

Valuable for windbreaks. Very hardy. Seed obtained from Austria and Nebraska. Will stand lots of drought.

2 to 3 feet TTT	35.00	300.00
18 to 24 inches TTT	25.00	220.00
9 to 12 inches TT	12.00	100.00
9 to 12 inches T	8.00	70.00
6 to 9 inches T	6.00	50.00
18 to 24 inches RP	10.00	90.00
12 to 18 inches RP	7.50	65.00
9 to 12 inches RP	5.00	40.00
6 to 9 inches RP	4.00	30.00
4 to 6 inches RP	3.00	20.00

PINUS PONDEROSA (Bull Pine)

A most valuable pine for ornamental, windbreak and timber planting. Very long needles and compact growth makes this tree a desirable one.

18 to 24 inches RP	8.50	75.00
12 to 18 inches RP	6.00	50.00
9 to 12 inches RP	5.00	40.00
6 to 9 inches RP	3.50	25.00
4 to 6 inches RP	1.80	15.00

PINUS STROBUS (White Pine)

Grows very fast. Will grow well on most any kind of soil. Valuable.

18 to 24 inches TTT	20.00	175.00
12 to 15 inches TT	12.00	100.00
9 to 12 inches TTT	9.00	80.00
9 to 12 inches T	7.00	60.00
9 to 12 inches RP	5.00	40.00
6 to 9 inches RP	4.00	30.00

PINUS SYLVESTRIS REGENSIS (Scotch Pine)

Regensis is the best known type of Scotch Pine grown. Is a valuable tree wherever pine trees are desired. Seed from Northern Europe.

18 to 24 inches TT	14.00	120.00
12 to 18 inches TT	12.00	100.00
12 to 18 inches RP	6.00	50.00
9 to 12 inches RP	5.00	40.00
6 to 9 inches RP	4.00	30.00

THUJA ORIENTALIS

Columnar habit. Bright green attractive foliage.

12 to 18 inches RP	6.00	50.00
9 to 12 inches RP	5.00	40.00

ROSES

Growing and distributing Roses of best quality is one of our specialties.

We offer a splendid assortment of Northern California grown roses for Winter and Spring shipment. These roses are carefully grown; well sprayed during the growing season and dug only when well matured. All roses are carefully graded under our personal supervision and with our exceptional storage facilities for the storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

FOR EARLY FALL DELIVERY we offer No. 1 and No. 1½ grades only, preferably No. 1. No. 2 grade available for only Winter and Spring shipment.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$4.00	\$ 35.00
No. 1½	2.90	25.00
No. 2	1.80	15.00
No. XX, Heavy	4.50	40.00

RED SHADES

Ami Quinard, velvety crimson-maroon, vigorous and profuse.

Chas. K. Douglas, free flowering variety, scarlet-crimson. Vigorous.

Chas. P. Kilham, brilliant scarlet-carmine. Double.

E. G. Hill, great massive blooms of deep velvety-maroon.

Etoile de Hollande, dark velvety-red with fine fragrance.

Francis Scott Key, large, very double; rich crimson.

Gypsy Lass, well shaped, double blooms of dark, scarlet-crimson.

Glowing Carmine, lasting fragrant flowers of deep carmine; continuous bloomer.

Grenoble, long-stemmed beautifully shaped blooms of scarlet-crimson.

Gruss an Teplitz, medium sized, dark maroon blooms in clusters. Very hardy.

Hadley, deep velvety-crimson with velvety texture.

Margaret McGredy, full blooms of orange-scarlet.

McGredy's Scarlet, large brilliant scarlet shaded rose-pink.

Radiance Red, bright rose-red, form of Radiance.

Red Hoover, sport of President Hoover with more red predominating than in its parent. A vigorous grower and an excellent variety for cutting.

Rouge Mallerin, double, well formed blooms of striking and lasting deep red.

Southport, brilliant, unfading scarlet roses with full, cupped flowers, very lasting and exceedingly fragrant.

Syracuse, scarlet-crimson on vigorous upright plant. Double.

Vaterland, dark red with coppery reflexes, large, double.

Victoria Harrington, velvety, dark red rose of merit. Intensely fragrant.

PINK SHADES

Betty Uprichard, salmon-pink stained with coppery-red.

Briarcliff, handsome flowers of silvery rose-pink.

Columbia, long stemmed, pointed flowers of vivid pink; fragrant.

Dame Edith Helen, excellent shape, glowing pink, double.

Editor McFarland, shapely buds and double, brilliant pink blooms.

Leonard Barron, light salmon and shell pink suffused with pale copper. Hardy.

Miss Rowena Thom, large brilliant satiny pink with gold base. Fragrant.

Mrs. Chas. Bell, soft, salmon-pink, sweetly perfumed.

Pink Dawn, perfectly formed, pink buds touched with salmon-rose.

Radiance Pink, large, brilliant rose-pink. Very fragrant.

Rapture, large double deep pink blooms on long stems.

Souy de Mme. C. Chambard, large, semi-double, cupped, fragrant; outer petals rich rose-red; inner petals deep rose-pink, with golden glow at center.

Willowmere, rich shrimp-pink, shaded yellow in center.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**HYBRID TEA AND EVERBLOOMING—Continued****YELLOW SHADES**

Gloriana, a rose retaining its remarkable yellow color in the hottest weather, deepening to the two-toned deep color of **Condessa de Sastago**.

Golden Charm, deep unshaded yellow sport of **Talisman**.

Golden Dawn, bud rich sunflower-yellow flushed old-rose. Double.

Golden Pernet, (Mons. Julien Potin), large, double Primrose yellow.

Golden Rapture, long lasting, beautifully formed buds, fully double blooms of rich yellow on long, strong stems. A vigorous grower.

Joanna Hill, large, yellow with bronze shadings in center. Fragrant, vigorous.

Lady Hillingdon, a popular deep apricot-yellow rose.

Lady Margaret Stewart, large deep yellow flushed orange-red.

Luxembourg, large, coppery-yellow flowers.

Mrs. E. P. Thom, large, well shaped, bright canary yellow.

Mrs. Pierre S. du Pont, bud reddish-gold, flower deep golden-yellow, lighter with age.

Ophelia Golden, golden-yellow. Seedling of **Ophelia**.

Roslyn, large, double, deep golden-yellow. Vigorous grower.

Soeur Therese, double blooms of rich yellow. Vigorous.

Souv. de Claudius Pernet, beautiful long buds opening to full blooms of rich yellow.

Sunburst, rich yellow shaded coppery-orange.

Yellow Sastago, vigorous yellow sport of the popular bush variety.

TWO-TONED SHADES

Autumn, double blooms of orange, yellow and red. Vigorous and upright.

Condessa de Sastago, deep coppery-pink inside, golden-yellow reverse; double. Vigorous and prolific.

Edith Nellie Perkins, pointed buds, rich orange outside and salmon-pink inside.

Heinrich Wendland, distinctly two-toned; large, double blooms of nasturtium-red inside, golden-yellow reverse.

Hinrich Gaede, bright vermillion toned gold; good form; fragrant, a distinct and excellent variety.

Lady Forteviot, fragrant, golden-yellow blooms changing to deep apricot.

Los Angeles, double, luminous coral-pink toned gold at base.

Mev. G. A. van Rossem, vivid orange and apricot on golden-yellow ground.

Pres. Herbert Hoover, beautifully colored buds and blooms of yellow with pink and flame tints.

Talisman, glowing golden-yellow stained copper red.

WHITE SHADES

Caledonia, large double white; long buds opening to large, double flowers.

K. A. Viktoria, popular, snowy white, double.

McGredy's Ivory, large, well-shaped, creamy-white; fragrant.

Mme. Jules Bouche, white with blush tints in center.

**ROSES—CALIFORNIA GROWN**

View of one block of Hybrid Teas growing at our Rose Plant in California where we will harvest over one-million Roses this year. They are of excellent quality, well branched, and we know you will like them.

ROSES—Continued

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$4.50	\$ 40.00
No. 1½	3.50	30.00
No. 2	2.10	18.00
No. XX Heavy	5.00	45.00

RED SHADES

Brazier, pointed buds of burnt-orange opening to a double fragrant flower of flame-scarlet.

Christopher Stone, free blooming plant producing fragrant, velvety-textured roses of vivid-scarlet deliciously scented. New.

Poinsettia, bud long-pointed; large, double open flowers of bright unfading scarlet. Vigorous, prolific bloomer.

Red Talisman, Talisman sport. Bud long-pointed; flower large, double, fragrant. Deep cerise-red blending into yellow shade at base.

Temno, a desirable dark maroon-red with velvety tones.

PINK SHADES

Dainty Bess, single, waxy petaled rose-pink; wine-red stamens.

Numa Fay, large well-shaped buds of pale orange-salmon shading to pale pink edges. Open flowers are pale salmon-pink.

Peter's Briarcliff, Briarcliff strain used by Florists for forcing.

Picture, velvety clear rose-pink with undertones of salmon. Very double.

Pink Delight, fragrant rose-pink. Often used for forcing.

The Doctor, large, beautiful buds opening to enormous semi-double, cupped flowers of satiny-pink. Fragrant. Plant vigorous and bushy.

TWO-TONED SHADES

Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

Faience, two-toned, soft peach and cadmium-yellow. This "Dutch Beauty" is regal in exquisite form from long, tapering bud to full-petaled opening of bloom.

Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.

Mrs. Sam McGredy, a large, long-pointed bud; flower large, double, and in color scarlet-copper-orange, heavily flushed with red on outside of petals. A vigorous grower, disease resistant and prolific bloomer.

Talisman No. 5, Talisman strain used by Florists for forcing.

Treasure Island, flaming coppery-pink, inside of petals light salmon, orange at base; strong stem. Bud long-pointed; flowers large and fragrant. Received highest award of Silver medal at San Francisco Fair; also Certificate of merit from New York World's fair in 1940.

WHITE SHADES

***Snowbird**, most prolific, pure white bedding rose. Full-petaled and perfectly formed.

*STARRED VARIETY PRICES 5¢ HIGHER.

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued**HYBRID PERPETUAL**

	Per 10	Per 100
No 1	\$4.00	\$ 35.00
No. 1½	2.90	25.00
No. 2	1.80	15.00
No. XX Heavy	4.50	40.00

RED SHADES**American Beauty**, popular, fragrant, deep pink shaded soft carmine.**General Jacqueminot**, rich crimson-scarlet, very fragrant.**Roger Lambelin**, semi-double bright crimson, each petal streaked with white.
Distinct.**Ulrich Brunner**, large, fine shaped blossoms of cherry red.**PINK SHADES****Paul Neyron**, thornless bushes with gigantic, pink, fragrant flowers.**WHITE SHADES****F. K. Druschki**, large, snow-white, free bloomer, popular.**BABY ROSES—Dwarf Polyantha**
Mostly California Grown

	Per 10	Per 100
No 1	\$4.00	\$ 35.00
No. 1½	2.90	25.00
No. 2	1.80	15.00
No. XX Heavy	4.50	40.00

RED SHADES**Crimson Baby**, small, semi-double, light crimson, dense clusters.**Edith Cavell**, brilliant scarlet, overlaid velvety crimson.**Erna Teschendorf**, bright red, semi-double flowers.**Eutin**, large clusters of very double, deep red flowers on a vigorous mildew resistant bush.**Gloria Mundi**, large, fully double, lasting, orange-scarlet, borne in clusters.**Ideal**, dark scarlet, borne in profusion. Immense, compact bunches.**Lafayette**, a dwarf, bushy grower producing semi-double, cherry-crimson flowers.**Lafayette Improved**, large clusters of bright cherry-crimson.**Red Gloria Mundi**, sport of Gloria Mundi with more red predominating.**Sparkler**, a fine, cluster-flowered type, brilliant red flowers.**Triomphe Orleansais**, large clusters of cherry-red.**PINK SHADES****Cameo**, a distinct shade of shell-pink and salmon, with a glow of gold.**Chatillon**, vivid, light salmon-pink, semi-double flowers in enormous heads.**Ellen Poulsen**, double, bright rose-pink fragrant.**Mrs. R. M. Finch**, rosy-pink in large clusters; persistent bloomer.**YELLOW AND TWO TONED SHADES****Golden Salmon**, bright orange-salmon. Fine for mass planting, blooms continually.**Golden Salmon Superior**. An improvement on Golden Salmon.**WHITE SHADES****Catherine Zeimet**, double, pure white, fragrant, in large clusters.

ROSES—Continued**FLORIBUNDA ROSES**

The Floribunda group of roses represent hardy varieties recommended for mass color effect. The habit of growth is of medium height. They are very winter hardy, therefore permanent, disease resistant, bloom continuously in large clusters and do not fade in hot summer suns.

The Floribunda varieties should be planted in groups of three or more of a kind. They are recommended for use among shrubs, for continuous color, as hedges, borders, as massed bed plantings, for parks and along roadsides.

	Per 10	Per 100
No. 1	\$2.90	\$ 25.00
No. 1½	2.10	18.00
No. 2	1.40	12.00
No. XX Heavy	3.50	30.60

RED SHADE

Karen Poulsen, single, brilliant-scarlet. Excellent bedding rose.

Kirsten Poulsen, bright scarlet in clusters on long stems.

PINK SHADES

Gruss an Aachen, orange-pink in bud, turning to soft, salmon-pink and white on opening.

Else Poulsen, bright, rose-pink, semi-double, lasting.

Pink Gruss an Aachen, deep salmon rose colored sport of Gruss an Aachen.

YELLOW SHADES

Poulsen's Yellow, bud copper, yellow flowers semi-double, intensely fragrant.

RUGOSA, HYBRIDS AND MISCELLANEOUS

Mostly Own Roots

	Per 10	Per 100	Per 1000
Agnes , double yellow rugosa, fragrant, blooms early.			
2 to 3 feet	\$3.50	\$30.00	\$
18 to 24 inches	2.90	25.00	
12 to 18 inches	2.10	18.00	
Amelia Gravereaux , carmine-red, borne on long stems.			
3 to 4 feet	4.00	35.00	
2 to 3 feet	3.50	30.00	
18 to 24 inches	2.90	25.00	
12 to 18 inches	2.10	18.00	
Austrian Copper , single brilliant orange-red flowers inside, yellow outside.			
2 to 3 feet	3.50	30.00	
18 to 24 inches	2.90	25.00	
12 to 18 inches	2.10	18.00	
Belle Poitevine , bright pink in clusters, everblooming.			
2 to 3 feet	2.70	24.00	220.00
18 to 24 inches	2.40	20.00	180.00
12 to 18 inches	1.70	14.00	120.00
Blanc Double de Coubert , large white flowers, fairly double fragrant. Rugosa Alba sport.			
2 to 3 feet	3.50	30.00	
18 to 24 inches	2.90	25.00	
12 to 18 inches	2.40	20.00	
Blanda , soft pink flowers borne in clusters.			
3 to 4 feet	2.90	25.00	
2 to 3 feet	2.40	20.00	
18 to 24 inches	1.90	16.00	
12 to 18 inches	1.40	12.00	
Carolina , bright rose-pink flowers borne singly in clusters.			
2 to 3 feet	2.40	20.00	
18 to 24 inches	1.90	16.00	
12 to 18 inches	1.40	12.00	
Dr. Eckener , large, semi-double flowers, coppery rose in center.	Vigorous and hardy.		
2 to 3 feet	3.50	30.00	
18 to 24 inches	2.90	25.00	
12 to 18 inches	2.40	20.00	
F. J. Grootendorst , small bright red flowers in clusters.			
2 to 3 feet	4.00	35.00	
18 to 24 inches	3.20	28.00	
12 to 18 inches	2.40	20.00	180.00

ROSES—Continued

RUGOSA HYBRIDS AND MISCELLANEOUS—Continued

		Per 10	Per 100	Per 1000
Grootendorst	Pink , charming pink variety of Grootendorst.			
	2 to 3 feet.....	\$3.50	\$30.00	\$.....
	18 to 24 inches.....	2.90	25.00	.....
	12 to 18 inches.....	2.10	18.00	.....
Grootendorst	Supreme , sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.			
	2 to 3 feet.....	4.00	35.00	.....
	18 to 24 inches.....	3.20	28.00	.....
	12 to 18 inches.....	2.10	18.00	.....
Hansa , double, reddish flowers of large size.				
	2 to 3 feet.....	2.80	24.00	220.00
	18 to 24 inches.....	2.40	20.00	180.00
	12 to 18 inches.....	1.70	14.00	120.00
Hugonis , light yellow flowers borne profusely along the branches. Very hardy, blooms very early.				
	3 to 4 feet.....	3.50	30.00	.....
	2 to 3 feet.....	2.90	25.00	.....
	18 to 24 inches.....	2.40	20.00	.....
	12 to 18 inches.....	1.80	15.00	.....
Lucida , bright pink flowers followed by shining red fruit.				
	3 to 4 feet.....	2.90	25.00	.....
	2 to 3 feet.....	2.40	20.00	.....
	18 to 24 inches.....	1.90	16.00	.....
	12 to 18 inches.....	1.40	12.00	.....
Max Graf , See Climbers and Ramblers for description and prices.				
Mrs. Anthony Waterer , double crimson, Rugosa foliage.				
	2 to 3 feet.....	2.50	22.00	.....
	18 to 24 inches.....	2.10	18.00	.....
	12 to 18 inches.....	1.40	12.00	.....
Nitida , deep pink flowers, extremely hardy.				
	18 to 24 inches.....	2.40	20.00	.....
	12 to 18 inches.....	1.90	16.00	.....
Persian Yellow , double, small, golden yellow.				
	3 to 4 feet.....	4.00	35.00	.....
	2 to 3 feet.....	3.50	30.00	.....
	18 to 24 inches.....	2.90	25.00	.....
Rugosa Alba , splendid foliage with single white blooms.				
	18 to 24 inches.....	3.50	30.00	.....
	12 to 18 inches.....	2.50	22.00	.....
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.				
	2 to 3 feet.....	2.70	24.00	220.00
	18 to 24 inches.....	2.40	20.00	180.00
	12 to 18 inches.....	1.70	14.00	.....
Setigera , bright pink flowers, big clusters, blooms late.				
	3 to 4 feet.....	2.90	25.00	.....
	2 to 3 feet.....	2.40	20.00	180.00
	18 to 24 inches.....	1.90	16.00	140.00
	12 to 18 inches.....	1.40	12.00	100.00
Sir Thomas Lipton , snowy white flowers of good size.				
	2 to 3 feet.....	2.50	22.00	.....
	18 to 24 inches.....	2.10	18.00	.....
	12 to 18 inches.....	1.70	14.00	.....
Skyrocket (Wilhelm), Shrub rose with long pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.				
	2 to 3 feet.....	3.20	28.00	.....
	18 to 24 inches.....	2.50	22.00	.....
	12 to 18 inches.....	1.90	16.00	.....

ROSES—Continued

CLIMBERS AND RAMBLERS

California Grown

Our Climbing Roses are mostly on own roots, except Climbing Hybrid Teas are Buds. They will be good stock, well graded, which we are confident will please.

Blaze—See Patented Roses for prices and description.

Brownell Hardy Climbers—See Patented Roses for prices and description.

Chaplins Pink, a fine pink rose. Paul's Scarlet type. Per 10 Per 100 Per 1000

No. 1	-----	\$2.90	\$25.00	\$-----
No. 1½	-----	2.10	18.00	-----

Climbing American Beauty, flowers rich red to Crimson.

XX, Heavy	-----	3.50	30.00	-----
No. 1	-----	3.20	28.00	250.00
No. 1½	-----	2.40	20.00	180.00
No. 2	-----	1.70	14.00	120.00

Climbing Hybrid Tea Roses

No. 1	-----	4.00	35.00	-----
No. 1½	-----	2.90	25.00	-----

Columbia, vivid pink.

E. G. Hill, velvety-maroon.

Gruss an Teplitz, scarlet crimson

K. A. Viktoria, snowy-white, double.

Pres. Hoover, maroon, orange and gold.

Pink Radiance, large rose-pink.

Red Radiance, rosy-red.

Talisman, yellow stained copper red.

Per 10 Per 100 Per 1000

Crimson Rambler, beautiful dazzling scarlet-red borne in giant sprays.

XX, Heavy	-----	\$2.90	\$25.00	\$-----
No. 1	-----	2.50	22.00	200.00
No. 1½	-----	2.10	18.00	160.00
No. 2	-----	1.50	13.00	110.00

Dorothy Perkins, soft shell pink flowers.

XX, Heavy	-----	2.90	25.00	-----
No. 1	-----	2.40	20.00	180.00
No. 1½	-----	1.90	16.00	140.00
No. 2	-----	1.20	10.00	90.00

Dr. Van Fleet, pale pink buds and flowers on long stems.

XX, Heavy	-----	3.50	30.00	-----
No. 1	-----	3.20	28.00	250.00
No. 1½	-----	2.40	20.00	180.00
No. 2	-----	1.70	14.00	120.00

Excelsa, double scarlet crimson blooms.

XX, Heavy	-----	2.90	25.00	-----
No. 1	-----	2.40	20.00	180.00
No. 1½	-----	1.90	16.00	140.00
No. 2	-----	1.20	10.00	90.00

Flash—See Patented Roses for prices and description.

Flower of Fairfield, deep crimson, similar to Crimson Rambler.

XX, Heavy	-----	2.90	25.00	-----
No. 1	-----	2.50	22.00	200.00
No. 1½	-----	2.10	18.00	160.00
No. 2	-----	1.50	13.00	110.00

Gardenia, yellow buds and creamy flowers with rich yellow centers.

XX, Heavy	-----	3.50	30.00	-----
No. 1	-----	3.20	28.00	250.00
No. 1½	-----	2.40	20.00	180.00
No. 2	-----	1.70	14.00	120.00

Horvath Setigera Climbers—See Patented Roses for prices and descriptions.

Jacotte, deep orange-yellow, tinted coppery-red.

No. 1	-----	3.50	30.00	-----
No. 1½	-----	2.50	22.00	-----
No. 2	-----	1.70	14.00	-----

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

King Midas—See Patented Roses for prices and description.

	Per 10	Per 100	Per 1000
XX, Heavy	\$3.20	\$28.00	\$-----
No. 1	2.90	25.00	-----
No. 1½	2.10	18.00	-----
No. 2	1.40	12.00	-----

Max Graf, vigorous trailing plant. Rugosa foliage with bright pink, golden centered blossoms in June.

No. 1	2.90	25.00	-----
No. 1½	2.10	18.00	-----

Mme. Gregoire Staechelin, pink blooms with lightly curled petals on long stems.

No. 1	3.50	30.00	-----
No. 1½	2.50	22.00	-----
No. 2	1.70	14.00	-----

Paul's Scarlet, intense scarlet flowers of excellent shape and good size, borne in clusters.

XX, Heavy	3.50	30.00	-----
No. 1	3.20	28.00	250.00
No. 1½	2.40	20.00	180.00
No. 2	1.70	14.00	120.00

Primrose, hardy, double canary-yellow flowers.

XX, Heavy	3.50	30.00	-----
No. 1	3.20	28.00	250.00
No. 1½	2.40	20.00	180.00
No. 2	1.70	14.00	120.00

Royal Scarlet, similar to Paul's Scarlet but smaller and deeper in color.

XX, Heavy	3.50	30.00	-----
No. 1	3.20	28.00	250.00
No. 1½	2.40	20.00	180.00
No. 2	1.70	14.00	120.00

Seven Sisters, double, deep pink, borne in large clusters.

No. 1	2.40	20.00	180.00
No. 1½	1.90	16.00	140.00
No. 2	1.20	10.00	90.00

Silver Moon, large buds, creamy white flowers semi-double, golden anthers, small sprays.

XX, Heavy	2.90	25.00	-----
No. 1	2.50	22.00	200.00
No. 1½	2.10	18.00	160.00
No. 2	1.50	13.00	110.00

Tausendschon, large clusters, flowers soft pink to white.

XX, Heavy	2.90	25.00	-----
No. 1	2.50	22.00	200.00
No. 1½	2.10	18.00	160.00
No. 2	1.50	13.00	110.00

White Dorothy, small double flowers, creamy white in great clusters.

XX, Heavy	2.90	25.00	-----
No. 1	2.40	20.00	180.00
No. 1½	1.90	16.00	140.00
No. 2	1.20	10.00	90.00

Wichuriana (Memorial Rose), Clusters of white flowers, trailing habit, glossy leaves fine ground cover.

No. 1	2.50	22.00	200.00
No. 1½	2.10	18.00	150.00
No. 2	1.40	12.00	100.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES

For Winter and Spring Shipment Only

We are offering these Roses under license from patentee, and it is understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified, 1 to 10 at each rate; 10 to 20 at 10 rate; 20 to 250 at 100 rate. Prices are NET.

ALL-AMERICA ROSE SELECTIONS

All-America Rose Selections, A.A.R.S., an organization of the leading Rose growers located in various parts of the United States, was organized in 1938 for the purpose of testing and selecting new varieties of roses of outstanding merit. The organization maintains fifteen official test gardens located in all parts of the country for the testing and judging of proposed new varieties. One test garden is maintained on our nurseries, Shenandoah, Iowa.

We offer the following varieties of roses which have secured the award of "All-America Rose Selections". These are the finest of the new varieties.

Each Per 10 Per 190

Apricot Queen , Patent No. 464. (Retails \$1.25 each; \$12.50 per doz.) Orange and apricot at base, merging to salmony-rose and phlox pink. Long-pointed buds with fully developed flower showing regular well placed petal arrangement.	.75	\$ 7.00	\$ 60.00
California , Patent No. 449. (Retails \$1.50 each; \$15.00 per doz.) Ruddy-orange toned with saffron-yellow, with exterior of the broad petals overlaid with Saturn rose—a dual tone effect of indescribable richness and beauty. Long pointed buds opening to flowers of enormous size, reaching a diameter of 5 inches to 6 inches.	1.00	9.00	75.00
Charlotte Armstrong , Patent No. 455. (Retails \$1.25 each; \$12.50 per doz.) Unique color with long slender blood-red buds opening to magnificent brilliantly colored open flowers, spectrum-red in cool weather, cerise in hot weather. The long stemmed blooms are produced in great quantities throughout the season and are ideal for cutting because they open slowly and are beautiful until the last petals drop.	.75	7.00	60.00
Dickson's Red , Patent No. 376. (Retails \$1.25 each; \$12.50 per doz.) A glowing scarlet red rose from Emerald Isle. Rich in fragrance, standing the hottest sun, retaining its color. Produced singly on long strong stems.	.75	7.00	60.00
Flash , Patent No. 396. (Retails \$1.00 each; \$10.00 per doz.) Climber or Pillar Rose of glowing vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks.	.60	5.50	50.00
Grande Duchesse Charlotte , H.T., New. (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) The beautiful, long streamlined buds are glowing Morocco-red and open to 25 firm-petaled blooms of dusky coral red which do not fade, but gradually merge to a soft coral pink. Award of "All-America Rose Selections" for 1942.	1.00	9.00	75.00
Heart's Desire , Patent No. 501. (Retails \$1.50 each; \$15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of the chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms holding their shape until last petal drops.	1.00	9.00	75.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES—Continued

	Each	Per 10	Per 100
Lowell Thomas , (Patent applied for.) (Retails \$2.00 each; Each \$20.00 per doz.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. New. AARS 1943 award.	.125	\$11.00	\$100.00
Mary Margaret McBride , Patent No. 537. (Retails \$1.50 each; \$15.00 per doz.) The buds are deep salmon-pink, almost reddish in fall, and the suffusion of yellow becomes a gold at base of petals. Rose full having about 45 petals. Bush strong and vigorous in growth producing great numbers of long stemmed roses excellent for cutting. Award of "All-America Rose Selections" for 1942.	1.00	9.00	75.00
Mme. Chiang Kai-shek , (Patent applied for.) (Retails \$2.00 each; \$20.00 per doz.) Bud very large, long-pointed; flower unusually large, double (24 to 30 petals), high-centered, lasting. Empire to lemon-yellow turning lighter as the blooms mature on long stem. Vigorous, upright and compact; abundant bloomer. New. AARS 1943 award.	.125	11.00	100.00
The Chief , Patent No. 456. (Retails \$1.00 each; \$10.00 per doz.) 1940 "All-America Rose Selections". Extremely long buds of flame rose, opening to a large flower of flame, coral and copper turning to orange-pink with age. Rich fragrance; spreading vigorous plant resistant to mildew.	.60	5.50	50.00
World's Fair , Patent No. 362. (Retails \$1.00 each; \$10.00 per doz.) First award "All-America Rose Selections" for Floribundas, 1940. Produces large clusters velvety blooms of fragrant blackish scarlet with glowing mass of golden stamens.	.60	5.50	—

HYBRID TEA

	Each	Per 10	Per 100
Anzac (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Large buds of azalea-pink opening to large, unusually double flowers with coppery-scarlet sheen, on long stem.	.100	\$ 9.00	\$ 75.00
Better Times , Patent No. 23 (Retails \$1.00 each; \$10.00 per doz.) Brilliant cerise flowers, large, double, fragrant.	.60	5.50	50.00
Bright Wings (Patent applied for.) (Retails \$1.50 each; \$15.00 per doz.) Beautiful buds of rosy burnt-orange color opening to a 4 to 5 inch flower turning coral-pink showing golden anthers in center.	1.00	9.00	75.00
Countess Vandal , Patent No. 138. (Retails \$1.00 each; \$10.00 per doz.) Long pointed bud, upright stems. Color combination can hardly be described, pink, copper, gold and salmon.	.60	5.50	50.00
Crimson Glory , Patent No. 105. (Retails \$1.25 each; \$12.50 per doz.) Color deep crimson, a "glory" Rose, glorious in its perfect form, large size and fragrance.	.75	7.00	—
Crimson King (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Well formed blooms of velvety crimson on strong stems. A cross with Crimson Glory.	1.00	9.00	75.00
Douglas Mac Arthur , Patent No. 581. (Retails \$1.50 each; \$15.00 per doz.) Bud large, long-pointed; flower large and double, full, high-centered and lasting. Delft rose, slightly bronze at base of petals. Continuous bloomer.	1.00	9.00	75.00
Eclipse , Patent No. 172. (Retails \$1.25 each; \$12.50 per doz.) Long streamlined bud, rich gold without shading.	.75	7.00	60.00

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled—the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED ROSES—Continued Each Per 10 Per 100

Fantastique (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) An interesting type with plant habit similar to Gruss an Aachen. The lovely creamy-yellow flowers have the edge of each recurved petal brushed with vivid carmine. -----	.10	\$ 9.00	\$ 75.00
Fred Edmunds (Patent applied for) (Retails \$2.00 each; \$20.00 per doz.) Beautiful buds of burnt-orange on long strong stems opening to long lasting blooms of reddish-apricot, aging to orange-pink. -----	1.25	11.00	100.00
Jewel , Patent No. 382. (Retails \$1.00 each; \$10.00 per doz.) Sport of "Better Times". Brilliant velvety-red which does not fade. Long-pointed bud of slightly darker color. The flower of about 45 petals measures about 5 inches across when open and has pleasing fragrance. -----	.60	5.50	50.00
Mme. Henri Guillot , Patent No. 337. (Retails \$1.25 each; \$12.50 per doz.) a charming, two-toned rose. The Artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry-pink color with golden base. -----	.75	7.00	60.00
Pearl Harbor (Patent applied for) (Retails \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered. -----	1.00	9.00	75.00
Santa Anita , Patent No. 539. (Retails \$1.00 each; \$10.00 per doz.) Perfectly formed long pointed buds unfold into glorious flowers of crystal clear peach-blossom pink. -----	.60	5.50	50.00
Texas Centennial , Patent No. 162. (Retails 60¢ each; \$6.00 per doz.) Hoover sport. Bright vermillion red with light tone of gold at base. Petals lighter red at center gradually toning to deep rich pink as the bloom ages. -----	.40	3.50	30.00
Will Rogers , Patent No. 256. (Retails \$1.00 each; \$10.00 per doz.) Dark velvety-crimson maroon, double, free bloomer. Strong vigorous dark green foliage. -----	.60	5.50	50.00

FLORIBUNDA

Betty Prior , Patent No. 340. (Retails \$1.00 each; \$10.00 per doz.) Produces large fragrant clusters continuously throughout the season. Opens lively red turning to shell pink. Desirable for mass planting. -----	.60	5.50	50.00
Donald Prior , Patent No. 377. (Retails \$1.00 each; \$10.00 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group. -----	.60	5.50	50.00
Permanent Wave , Patent No. 107. (Retails \$1.00 each; \$10.00 per doz.) Large, semi-double flowers of rosy-pink with cerise edges. Petals are waved permanently from bud stage to the finish. Vigorous and bushy. -----	.60	5.50	50.00
World's Fair , Patent No. 352. (Retails \$1.00 each; \$10.00 per doz.) First award "All-America Rose Selections" for floribundas, 1940. Produces large clusters velvety blooms of fragrant blackish scarlet with glowing mass of golden stamens. -----	.60	5.50	50.00

CLIMBERS

Blaze , Patent No. 10. (Retails \$1.25 each; \$12.50 per doz.) A hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet-crimson flower. -----	.75	7.00	60.00
Flash , Patent No. 396. (Retails \$1.00 each; \$10.00 per doz.) Climber, glowing, vivid, orange-scarlet; center gleaming yellow with golden anthers. Blooms early June and continuing for weeks. -----	.60	5.50	50.00
King Midas , Patent No. 586. (Retails \$1.50 each; \$15.00 per doz.) A new hardy free blooming golden-yellow Climber with large, double, high-centered flowers with good form. The buds are touched with red. -----	1.00	9.00	75.00

ROSES—Continued

NEW HORVATH SETIGERA ROSES

Hardiness and vigor of growth as well as profusion of bloom characterize this new race of roses. Some are climbers and others are compact shrubs with fine glossy foliage.

	Each	Per 10	Per 100
Federation , Patent No. 287. (Retails \$1.50 each; \$15.00 per doz.) Brilliant and sparkling rose-pink flowers with lighter center, orange undertone, produced on stems 12 to 24 inches long. Ultimate height 12 to 14 feet.	1.00	\$ 9.00	\$ 75.00
Hercules , Patent No. 296. (Retails \$2.00 each; \$20.00 per doz.) Huge flowers of clear rose-pink, slow in opening and long lasting; abundantly produced on stem and laterals. Ultimate height 14 to 15 feet.	1.25	11.00	100.00
Mabelle Stearns , Patent No. 297. (Retails \$1.50 each; \$15.00 per doz.) Peach-blossom-pink with silvery reflexed petals, center showing orange undertone, and produced in panicles. Everblooming. Ultimate height about 2 feet, spreading from 6 or 8 feet, if permitted.	1.00	9.00	75.00
Mercurius , Patent No. 385. (Retails \$2.00 each; \$20.00 per doz.) Sparkling two-toned apricot and coral-pink. Large open flowers are produced abundantly on stem and laterals. Ultimate height 7 to 9 feet.	1.25	11.00	100.00
Polaris , Patent No. 386. (Retails \$1.50 each; \$15.00 per doz.) A free blooming, hardy, vigorous climber producing pure white flowers, often 2 inches in diameter and in large clusters.	1.00	9.00	75.00
Thor , Patent No. 337. (Retails \$2.50 each; \$25.00 per doz.) Perfectly formed flowers of brilliant scarlet-red are slow in opening and measure 4 to 5 inches when fully open. Produced abundantly on stiff spur branches 12 to 18 inches long. Ultimate height about 8 to 10 feet.	1.50	14.00	125.00

BROWNELL SUB-ZERO HYBRID TEA

A new race from hardier Species, Wichuriana hybrids, that can bloom all summer along with the more tender Hybrid Teas. The originator reports flowers of equal merit in size, form, fragrance and color, and plants many times longer lived even after sub-zero winters.

	Each	Per 10	Per 100
Anne Vanderbilt , Patent No. 504. (Retails \$1.50 each; \$15.00 per doz.) Exquisite coppery orange, informal, semi-double, very brilliant, fragrant.	1.00	\$ 9.00	\$ 75.00
Break O'Day , Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Orange to apricot, large flowers, very vigorous, free bloomer, delightfully inspiring.	1.00	9.00	75.00
Lily Pons , Patent No. 420. (Retails \$1.50 each; \$15.00 per doz.) White with pure yellow center, large flowers of indescribable delicacy, vigorous, free bloomer.	1.00	9.00	75.00
Pink Princess , Patent No. 459. (Retails \$1.50 each; \$15.00 per doz.) Bud red, flower deep pink, famous as the first H.T. free from defoliation by blackspot.	1.00	9.00	75.00
Shades of Autumn , Patent No. 542. (Retails \$1.50 each; \$15.00 per doz.) An abundant and joyous expression of bi-colored beauty.	1.00	9.00	75.00

BROWNELL SUB-ZERO HARDY CLIMBERS

Copper Glow , Patent No. 458. (Retails \$1.50 each; \$15.00 per doz.) Deep coppery orange, delightful spicy fragrance, latest color sensation.	1.00	9.00	75.00
Golden Glow , Patent No. 263. (Retails \$1.50 each; \$15.00 per doz.) This is the spectrum yellow fragrant, abundant mass color display—of which the N.Y. World's Fair Management planted 200, named the area "Rose Court" and they were proud of the display.	1.00	9.00	75.00
Golden Pyramid , Propagation rights reserved. (Retails \$1.50 each; \$15.00 per doz.) Cadmium yellow, most vigorous of all climbers.	1.00	9.00	75.00

PEONIES

All stock offered is strong 3 to 5 eye divisions, cut from young, thrifty stock, free from disease and insects of all kinds. The figures after the name of the variety imply the rating as given these Peonies by the American Peony Society.

300 or more at 1,000 rate (where published)

		Per 10	Per 100	Per 1000
Albert Crousse , 8.6.	Late. Beautiful, delicate, salmon-pink....	\$1.90	\$16.00	\$-----
Alsace Lorraine , 8.8.	Late mid-season. Pure white with slightly creamy buff tint in the center.....	2.10	18.00	-----
Archie Brand , 7.5.	Large round, full rose-type blossoms of shell-pink.....	1.90	16.00	-----
Avalanche , (Same as Albatre) 8.7.	Late mid-season. Large free blooming, fine white.....	2.40	20.00	180.00
Baroness Schroeder , 9.0.	Late. Very large flowers which open with a soft blush, changing to pure white.....	2.40	20.00	-----
Benjamin Franklin , 8.1.	Mid-season, dark, rich, crimson.....	1.80	15.00	-----
Charles McKellip , 7.8.	Late mid-season. Rich, bright red.....	2.40	20.00	-----
Claire Dubois , 8.7.	Rich satin-pink with silvery tints. Late...	2.10	18.00	150.00
Couronne D'Or (Crown of Gold) 8.1.	Late mid-season. Snow-white, center petals tipped with red and with yellow stamens.....	1.80	15.00	-----
Duchess De Nemours , 8.1.	Early. Pure white, always a good bloomer.....	2.10	18.00	150.00
Edulis Superba , 7.6.	Bright, clear mauve-pink. Fragrant, early.	2.10	18.00	150.00
Felix Crousse , 8.4.	Mid-season, brilliant ruby-red.....	2.10	18.00	160.00
Festiva Maxima , 9.3.	Early. Immense flowering, pure white, flecked with crimson.....	1.90	16.00	-----
Frances Willard , 9.1.	Late mid-season. Exquisite blush changing to pure white, with a few faint red lines.....	3.20	28.00	250.00
Inspector Lavergne , 8.5.	Early mid-season. Strong, straight stems, carrying large, globe-shaped, crimson flowers.....	4.50	40.00	-----
James R. Mann , 8.7.	Mid-season. Fine rose-pink, lightly streaked with crimson. Free blooming.....	2.40	20.00	-----
Karl Rosefield , 8.8.	Mid-season, brilliant velvety-crimson blooms.	2.10	18.00	160.00
Kelway's Glorious , 9.8.	Large, fragrant, double blooms of pure white. Buds open slightly pink. Late midseason.....	6.50	60.00	-----
Lady Alexander Duff , 9.1.	Very large, light blush-pink flowers on strong stems. Blooms in mid-season.....	2.40	20.00	-----
La Lorraine , 9.6.	Mid-season. Large flowers of creamy white faintly tinted salmon; fine form and free bloomer.....	5.50	50.00	-----
La Perle , 8.5.	Mid-season. Pink in the bud, opening to a creamy white, flecked in the center with crimson.....	2.10	18.00	-----
La Tulipe , 7.5.	Early mid-season. Flesh-pink in the bud, opening to a creamy white with crimson streaks in center.....	1.80	15.00	-----
Livingstone , 8.1.	A late, deep pink with flecks of crimson in center. Best of all late varieties.....	2.40	20.00	-----

PEONIES—Continued

		Per 10	Per 100	Per 1000
Marie Crousse , 8.9. Almost uniformly light salmon-pink. Immense globular bloom.		\$2.10	\$18.00	\$160.00
Martha Bulloch , 9.1. Late. Exceptionally large flowers of soft rose-pink shading to silvery shell-pink on the outer petals. 4.50		40.00	—	—
Milton Hill , 9.0. Late. Large shell-pink flowers with salmon shadings. One of the best pinks.	2.90	25.00	—	—
Mme. de Verneville , 7.0. Early. Large white flowers with crimson markings, a reliable, sure bloomer.	2.10	18.00	150.00	—
Mons. Jules Dessert , 9.4. Midseason. Large flowers of creamy white, overlaid with faint tints of pink and buff. A very free bloomer.	3.20	28.00	250.00	—
Mons. Jules Elie , 9.2. Immense flowers of glowing lilac-pink, shading to deeper rose, overlaid with a sheen of silver. Mid-season.	4.00	35.00	—	—
Mons. Martin Cahuzac , 8.8. Mid-season. Deep maroon, bright golden anthers.	5.50	50.00	—	—
Mr. L. Van Leeuwen . Pure light crimson. Double. Prolific Bloomer. Fine cut flower. Late mid-season.	5.50	50.00	—	—
Myrtle Gentry , 9.1. Late. Blooms light pink, gradually fading to almost pure white, having the fragrance of a Tea Rose.	4.00	35.00	—	—
Officinalis Rubra , 8.6. Earliest good double, vivid, cherry-red. 3.20		28.00	—	—
Philippe Rivoire , 9.2. Late mid-season. Dark crimson with blackish sheen.	3.60	75.00	—	—
President Roosevelt , 8.5. Mid-season. Very fine, free flowering, brilliant red.	2.10	18.00	160.00	—
Prince of Darkness , 7.5. Very good, deep red, almost maroon. Early.	1.80	15.00	—	—
Reine Hortense , 8.7. Mid-season. Large, fine blooms of rose-pink, flecked with crimson. Free blooming, fragrant.	2.10	18.00	160.00	—
Richard Carvel , 8.8. Early, uniform shade of crimson.	2.90	25.00	—	—
Sarah Bernhardt , 9.0. Apple-blossom-pink with silvery edges on petals. Mid-season.	2.50	22.00	200.00	—
Solange , 9.7. Late. Rich, creamy white, suffused with buff and delicate salmon-pink, flecks of chocolate brown on some of the center petals.	3.50	30.00	—	—
Souv. de Louis Bigot , 9.1. Mid-season. Vivid, rich pink with a salmon undertone. Attractive and free blooming.	2.90	25.00	—	—
Therese , 9.8. Large, rich satiny pink paling to lilac-lavender in the center.	4.50	40.00	—	—
Tourangelle , 9.4. Late mid-season. A delicate, pearly white, suffused with shades of salmon-rose.	3.50	30.00	—	—
Venus , 8.3. Mid-season. Light pink changing to creamy pink as the bloom becomes full.	1.80	15.00	—	—
Walter Faxon , 9.3. Most vivid of all pink, almost an orange color. Medium size, attractive in form and fragrance.	4.50	40.00	—	—

PEONIES—Continued**Single and Japanese Types**

Single Peonies are novelties, providing a richness of color and color combinations that cannot be secured in the double flowering varieties.

The following descriptions were written in the field at blooming time.

	Per 10	Per 100
Fairy Queen. This variety produces blooms in clusters of 4 to 6 blooms per cluster. It is a deep pink with small, short yellow stamens. A very attractive variety.	\$3.50	\$30.00
Golden Pyramid. This is a single dark red variety with large golden stamens. A very free bloomer, extra good variety. Would say it is an outstanding variety.	3.50	30.00
Jacqueline. A single cream color. Stamens are not bright yellow but are light yellow fading to a white.	3.50	30.00
Pink Princess. Comes out a dark pink fading to light pink, yellow stamens.	3.50	30.00
Pride of Shenandoah. This is an outstanding variety. We would call it a single Mons. Martin Cahuzac. It is semi-double, deep red, the same color as Mons. Martin Cahuzac, with yellow center.	3.50	30.00
Red Rover. Single light red, yellow stamens, medium size.	3.50	30.00

PACKAGED PEONIES — WAXOPHANE WRAPPED

This Waxophane wrapped Peony is wrapped in damp horticultural peat. Moisture proof waxophane is used for wrapping, as well as high grade white enameled paper. Each package carries a lovely picture of the bloom in natural colors and complete planting instructions and information about Peony culture. The finest packaged Peony on the market!

Price \$22.00 per 100

Order in Multiples of 10 plants of Each Variety—Shipping Cases Hold 50 Pkgs.

PINK

620W. **Pink Giant**, extra large, brilliant pink.
 621W. **Edulis Superba**, bright pink, early.
 624W. **Floral Treasure**, clear pink.

RED

626W. **Karl Rosefield**, huge, dark red.
 622W. **Felix Crousse**, rich crimson.
 630W. **Pres. Roosevelt**, brilliant red.
 635W. **Victory**, large, vivid red.

WHITE

623W. **Festiva Maxima**, large, early.
 628W. **Mme. de Verneville**, white.

NO. 608. 5 GIANT PEONIES

85¢ per package of 5 varieties

A "hot" item for special promotion! 5 strong divisions of wanted varieties, individually labeled and packed in one large package. Waxophane wrapped and encased in white enameled wrapper carrying a 4-color picture of each of these varieties:

Felix Crousse
Victory

Mme. de Verneville
Pink Giant

Edulis Superba
Victory

PERENNIALS

We have one of the largest and most complete assortments of Hardy Perennials, Alpine and Rock Garden plants of any nursery in the Middle West. Our plants are, except as specified, field grown, properly transplanted to give the necessary root development for high class landscape planting.

We have approximately 60 acres of overhead irrigation, devoted to the propagation of our Perennial and Rock Garden plants. We have searched the world over for new varieties of seeds and plants.

All perennials should be shipped by express. They are very perishable and should not be included in a freight shipment.

RG indicates the adaptability for rock garden planting.

The perennials that we are offering in this section are bare roots, most suitable for landscape planting. If you are interested in packaged perennials, bulbs, etc., please write for our special price list No. 19, which covers a complete assortment of the more popular selling items suitable for store and counter trade.

ACHILLEA— Milfoil or Yarrow (RG) Per 10 Per 100
Ptmarica, The Pearl. Large double white. 18 in. June-July.----- \$ 1.15 \$ 9.00

ALTHEA ROSEA, Hollyhock.

Double Varieties ----- 1.20 10.00

Colorado Sunset, Salmon rose

Haille Selassie, Maroon, almost black

Purple Amaranth, Deep purple

ALYSSUM, Rock Madwort (RG)

Saxatile Compactum (Basket of Gold.) Masses of bright yellow flowers. Per 10 Per 100
 Sprawling habit. 10 in. May.----- 1.20 10.00

ANCHUSA, Bugloss.

Italica Var. Dropmore. Bright blue. 3 to 4 ft. All summer.----- 1.15 9.00

Myosotidiflora (RG) Dwarf. Clusters of Gentian blue forget-me-not like flowers. 12 in. May-June.----- 1.20 10.00

ANEMONE, Windflower (RG)

Pulsatilla. Violet. 12 in. April-May.----- 1.80 15.00

AQUILEGIA, Columbine. May-June. (RG)

Clematiflora. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.----- 1.40 12.00

Crimson Star. Large flowers of the most striking crimson with white corolla.

Blooms in May-June. 24 in.----- 1.80 15.00

Dobbies Imperial Hybrids. Fine, wide assortment of colors, very sturdy, of great size. A recent English triumph.----- 1.40 12.00

Longissima. Delicate pale yellow. Extra long spurs.----- 1.20 10.00

Long Spurred Pink. Rose shades. Extra long spurs.----- 1.20 10.00

Mrs. Scott Elliott's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft.----- 1.20 10.00

Rose Queen. Rose shades, White, Corolla.----- 1.20 10.00

ARMERIA.

Formosa Hybrids. Shades of rose and pink. Good sized flowers on stems 2 ft. high.----- 1.20 10.00

ARTEMISIA, Wormwood (RG)

Silver King. Silver white, color effect frosted silver. Beautiful in combinations.----- 1.40 12.00

ASCLEPIAS, Butterfly Weed (RG)

Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.----- 1.15 9.00

ASTERS

NEW DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Lilac Time. Deep violet-blue flowers are produced on well rounded bushy plants growing to a height of 15 in. Blooms mid-September.----- 1.40 12.00

Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.----- 1.40 12.00

Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.----- 1.40 12.00

PERENNIALS—Continued

ASTERS—Continued

UPRIGHT TYPES. Starwort or Michaelmas Daisy.	Per 10	Per 100
The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.		
Beechwood Challenger. The nearest approach to red so far in Hardy Asters. Free-flowering, medium height, about 3½ ft. Early fall. Profuse bloomer with brilliant crimson-red flowers.	\$ 1.80	\$15.00
Blue Gem. Large lovely flowers of blue with a yellow center, double flowers. Best blue in cultivation. September until frost. 3 to 4 ft.	1.40	12.00
Harrington's Pink. The first Hardy Aster that is truly pink. Flowers are large and cover the 4-foot plant so completely that it seems a shame to cut them, but the blooms will be welcome in the house.	1.80	15.00
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Vcry small eye. 3 to 4 ft.	1.80	15.00
Red Rover. The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit. September to frost. 2 to 4 ft.	1.80	15.00
Royal Blue. Large, semi-double, clear blue. 2½ ft. September.	1.40	12.00
BOLTONIA, False Chamomile.		
Latisquama. Pink, aster-like flowers. September. 4 ft.	.95	8.00
CAMPANULA, Bellflower.		
Calycanthema (Cup and Saucer). In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.	1.20	10.00
Medium (Canterbury Bells). In separate colors, Blue, and Rose. June. 2 ft.	1.20	10.00
CENTAUREA, Hardheads or Knapweed.		
Montana. Violet-blue flowers, large. July to September. 2 ft.	1.15	9.00

CHRYSANTHEMUMS

Dormant plants on all varieties of early blooming Chrysanthemums are very hard to store. We recommend well established, pot plants, and we guarantee full bloom the following fall.

CUSHION Chrysanthemums. Sometimes called "Million Mums" or "Azaleamums". A group of low-growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 or 12 inches h'gh. Our stock is of improved strains. Most varieties begin blooming late August and bloom until frost.		
Bronze Cushion. As the flowers first open, they are a warm, rich red bronze, then turning to a bronzy yellow with a light red center. Later, lighten to a beautiful golden bronze shade.	1.70	14.00
Dean Kay Pink. Deep pink color, similar to pink cushion, except larger.	1.80	15.00
Dean Kay Yellow. An improved Yellow Cushion Chrysanthemum, very worth while.	1.80	15.00
Dean Ladd. An improved reddish-bronze Cushion Chrysanthemum. Flowers 2 to 2½ in. Height 18 in.	1.80	15.00
Pink Cushion. Flowers open to a deep, orchid-pink, then change to a light orchid with a creamy center, finally salmon-pink with a soft yellow center. Has a record of 3,000 flowers the first year per plant. Very hardy.	1.40	12.00
Red Cushion. Pure fiery red. Multitude of beautiful 2 to 2½ in. flowers.	1.70	14.00
White Cushion. Snow white flowers with a faint yellow center.	1.70	14.00
Yellow Cushion. Pure golden yellow, very brilliant. Develops into large dense clumps, often measuring 24 to 30 inches across. Producing hundreds of strikingly beautiful flowers. Flowering the first of October.	1.80	15.00

UPRIGHT CUT FLOWER VARIETIES.

These are the Chrysanthemums which you grow in your garden. Suitable for cut flower purposes. Flowers are large and all up-right stems. We guarantee the following varieties to be all early bloomers under normal conditions and to bloom either in September or early October.

Algonquin (Bristol) Fine, brilliant, double yellow. Mid-September. 18 inches.	1.80	15.00
Barbara Cumming (Bristol). Large, bronze-yellow. 3 inches across blooms. Early September. Height 18 in.	1.40	12.00
Burgundy (Bristol). Rich, deep red of fine, old wine. Fully double, perfect form. Early October. 2½ ft.	1.40	12.00
Clara Curtis (Bristol). Produces great masses of fragrant pink, daisy-like blooms. Early September. Single. 2 ft.	1.40	12.00
Dahlia Flowering. Purplish wine colored flowers. 3 inches across on low compact growing plants.	1.40	12.00
Eugene A. Wander (Bristol). Sparkling, golden-yellow blooms. Early September. Height 18 in.	1.80	15.00
Granny Scovill. A warm glowing coral-bonze. Blooms about October 10th.	1.80	15.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

Per 10 Per 100

Lavender Lady (Bristol). Pure lavender, fully double. Early October. 2½ ft. \$ 1.80	\$15.00
Mt. Ranier (U.S.D.A.) Very fine white variety. The best of all new white varieties. Early September. 18 inches----- 1.40	12.00
Mrs. P. S. Dupont. A lovely soft peach pink tinted rosy salmon and fawn. Full flower in early October----- 1.80	15.00
Normandy Pink. Large, creamy-pink. Late September. 18 in----- 1.20	10.00
Pale Moon. (Bristol). Large, fluffy blossoms, soft yellow. Early October. 2 ft.----- 1.40	12.00
Rose Glow (Bristol). Raspberry, rose-pink. Mid-September. 2 ft.----- 1.40	12.00
Ruth Marion Hatton (Bristol). Bright, canary-yellow blooms 3 inches across. Height 2 ft. Blooms early October----- 1.40	12.00
September Jewells. Blooms 2 to 4 weeks ahead of any other type. Has many beautiful colors. 1 to 2 ft.----- 1.40	12.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy

Alaska. Large white flowers, June to August. 2 ft.----- .80	7.00
Diener's Double White. Recent development of full, shaggy, double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.----- 1.40	12.00
Diener's Fancy Chiffon Fringe. Large 5-inch blooms, fancy Chiffon petals (novelty).----- 1.40	12.00
White Fairy. New long stem. Giant white fringed flowers. Blooms July and August.----- 1.15	9.00

COREOPSIS, Tickseed.

Double Sunburst. Double flowers, golden-yellow. Blooms all summer. 20 to 30 in.----- 1.15	9.00
Mayfield Giant. An improved, large single, of brilliant yellow.----- 1.40	12.00

DELPHINIUM, Larkspur.

Belladonna, Clivendon Beauty. Beautiful sky-blue, from carefully selected strain to keep it absolutely true to type. Blooms in June and again in September. 4 to 5 ft.----- 1.20	10.00
Bellamosa. Dark blue, blooms all summer. 4 ft. Strong 1 year plants.----- 1.15	9.00
Bellamosa LaMartine. Deeper blue than Bellamosa with a distinct white eye. Not susceptible to disease. Long blooming period. 4 to 5 ft.----- 1.20	10.00
B. & L. XXX Strain Mixed. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue, mauve and pink.----- 1.40	12.00
Gold Medal Hybrid. Tall, well filled double and semi-double flowers from purplish blue to white.----- 1.20	10.00

DELPHINIUM Chinese

Blue Mirror. This Chinese larkspur has no spurs and it shows its bright navy blue flowers most effectively by their horizontal disposition. Height 1½ to 2 ft.----- 1.15	9.00
Chinese Alba ----- .80	7.00
Chinese Blue ----- .80	7.00

DELPHINIUM PACIFIC HYBRID STRAINS

Pacific Coast Hybrid Delphinium are all double, very highly developed strain produced on the Pacific Coast, from hence it gets its name.

Galahad. Giant new race of whites having all the good quality formerly lacking in white Delphinium. Individual flowers 3 inches in diameter, large, well formed spikes, high percentage of mildew resistance.----- 2.10	18.00
Guinevere. Light lavender self with white bee. Individual florets 2½ to 3 inches in diameter, large spikes. Excellent branching habits. Mildew resistance 50 to 70 percent.----- 2.10	18.00
Dark Blue. Ranging from medium to very dark blues predominating white bees.----- 1.80	15.00
Light Blue. Ranging from light to medium blue, with white fawn and dark bees.----- 1.80	15.00
Pacific Hybrids Mixed. A mixture of the Standard Pacific Strain colors. Very fine.----- 1.40	12.00

DIANTHUS

Barbatus, Old Fashioned Sweet Williams.

This is the Old Fashioned Sweet William, bearing clove scented flowers in greatest profusion in May and June. Excellent for cutting. We offer these in the following varieties **Double White, Scarlet Beauty and Splendens** (pink).----- 1.15

9.00

Deltoides, Maiden Pinks (RG). Beautiful little plants, blooming throughout the summer. 8 in. Separate colors, white and rosy pink.----- 1.15

9.00

PERENNIALS—Continued

DIANTHUS—Continued

	Per 10	Per 100
Grenadin Hardy Carnations (RG). This is the hardiest of all outdoor Carnations. Very fragrant, producing on long stems. The finest of all varieties in separate colors, Pink and White. June to August. 2 ft.-----	\$ 1.40	\$12.00
Homeland. A most unusual color, dark red with large sharply defined clear white center.-----	1.20	10.00
Dbl. Dwarf Midget. 3 to 4 inches tall. The color range is from White, Chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.-----	1.20	10.00
Latifolius, Atrocineus, Fl. Pl. Everblooming Oriental Sweet William. Fiery crimson. Blooms all summer. 18 in.-----	1.20	10.00
Plumarius, Hardy Garden Pinks. Alwoodi. This is a new type of Alwoodi pink imported from England. Very fragrant.-----	1.20	10.00
Loveliness. A new clove pink, highly fragrant and very hardy.-----	1.80	15.00
Semperflorens (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.-----	.95	8.00
Spring Beauty. Double giant flowered Carnation like form and size and with a beautiful color range. Very fragrant.-----	1.20	10.00

DICENTRA, Bleeding Heart.

Spectabilis (Old Fashioned Bleeding Heart). Graceful heart shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants-----	2.90	25.00
5 to 8 eye plants-----	3.50	30.00
Eximia (RG) This is not a particularly new item but it is very worth while and few nurserymen know it. We recommend it very highly, equal to or better than the old fashioned Spectabilis variety. Rose colored flowers produced all summer. 12 in.-----	1.40	12.00

DICTAMNUS, Gas Plant or Fraxinella

Fraxinella Rubra. Rosy-pink flowers during June and July. 2½ ft. Very hardy and drought resistant.-----	1.40	12.00
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DIGITALIS, Fox Glove

Shirley Hybrids. The flower heads are over 3 ft. long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractive dotted crimson or chocolate. Blooms in June-July.-----	1.20	10.00
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EUPATORIUM, Hardy Ageratum.

Coelstium. Very hardy plant. Light purple-blue flowers. September. 18 to 24 in.-----	1.20	10.00
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FERNS, Hardy Outdoor (RG)

Goldie's Wood. (Aspidium). Evergreen variety. 2 ft.-----	1.40	12.00
Interrupted (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in bches. 3 ft.-----	1.20	10.00
Maiden Hair (Spleenwort Asplenium Tricomanis). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.-----	1.40	12.00
Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pin-nules. 2 to 3 ft.-----		

FUNKIA, Plaintain Lily (RG).

Caerulea. Lovely blue flowers, leaves broad. August-September. 18 in.-----	1.20	10.00
Glauca. Japanese species. Large blue-gray leaves excellent for rock garden or border.-----	1.20	10.00
Lancifolia. Lily blue flowers, long narrow leaves of dull green. Profuse bloomer. Excellent plant for shade or hedging. July-August. 2 ft.-----	1.20	10.00

FUSCHIA, Hardy.

Scarlet Beauty, Plant Patent 440. This is the best of all hardy Fuschia. Flaming rose-red with corolla a bright, mulberry-purple. An outstanding plant. Needs winter protection in cold climates. 3 in. Pot Plants (Advertised at 50¢ each; 3 for \$1.20)-----	2.10	18.00
Senorita. New improvement on Scarlet Beauty, recommended for its hardiness. Plants are upright and compact, carrying from July until frost an abundance of flowers of flaming rose-red with mulberry-purple corolla and golden yellow stamens, 3 inch Pot Plants-----	3.20	27.50

GAILLARDIA, Blanket Flower (RG)

Burgundy. Wine red flower with beautiful sheen. 'June until frost. 1½ to 2 ft.-----	1.20	10.00
Dazzler. Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length.-----	1.20	10.00
Goblin. Dwarf. Bushy plants 12 to 15 inches high. Covered with golden yellow and red flowers.-----	1.20	10.00
Monarch Strain. Varied colors. Robust strain. Flowers extremely large and of perfect form. All summer. 2 ft.-----	.95	8.00
Torch Light. Bright golden yellow, rich maroon center. 2 ft.-----	1.20	10.00

PERENNIALS—Continued

	Per 10	Per 100
GEUM, Avens (RG) Mrs. Bradshaw. Fiery, orange-red flowers, very large. Double. Blooms nearly all summer. May to July. 15 to 18 in.	\$ 1.20	\$10.00

GYPSOPHILA, Baby's Breath.

Bristol Fairy. Wonderful, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft.	2.40	20.00
Paniculata Compacta. Pinkish white. July. 2 ft.	.95	8.00
Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.	1.80	15.00
Snow White Dbl. Pure White double strain. 2 ft.	1.20	10.00

HELENIUM, Sneezeweed

Chipperfield Orange. Large heads of copper and gold blooms. August to September. 4 feet.	1.40	12.00
Riverton Gem. Old gold suffused with bright terra cotta changing to wall-flower red. August to October. 3 to 4 feet.	1.20	10.00

HEMEROCALLIS, The Improved Day Lily

This old Perennial is now coming into its "Own". There has been considerable hybridizing done on these plants the past few years and as a result there are many new varieties being offered. The variety list which we are offering our customers is the pick of the varieties, giving you bloom from early May until the first of September.

August Pioneer. An absolutely new introduction by Dr. Stout. Orange with a reddish flush. Profuse August-September bloomer. 34 in.	2.90	25.00
Apricot. Blooms early June. Medium size blooms of light, apricot orange. Very free bloomer.	1.40	12.00
Fulva. Coppery orange flowers, shaded crimson. 3 ft.	.95	8.00
Gold Dust. Early flowering variety. Blooms May-June. Bright yellow flowers. Stems 30 in.	1.80	15.00
Goldeni. Fine, deep, golden orange. Early July. 3 ft.	1.80	15.00
Highboy. Pale yellow. 5 ft.	2.90	25.00
Hyperion. This is the best variety of all. Flowers Citron yellow on stems 40 inches tall. Very large flowers, pale yellow. Received award of merit at the Royal Horticultural Society of Great Britain. Very fragrant blooms July and early August.	2.90	25.00
Kwanso Flore Pleno. Large, double, copper shaded, crimson blooms. July-August. 42 in. stem.	1.80	15.00
Margaret Perry. The forerunner of a new race of Hybrids. Carnelian red flowers with a bright yellow star at the throat, which continues out to the tip of each petal in the form of a conspicuous narrow yellow stripe. July, August and September. 50 in.	2.90	25.00
Mikado. Rich orange with deep mahogany-red throat, beautiful color contrast flowers. June and July. 36 inches.	2.90	25.00
Ohpir. Deep, golden-yellow. 5 inches across. 25-30 on one stem. One of the finest of all varieties. Blooms July and August.	2.40	20.00
Assorted Varieties. Our Selection. These will all be named varieties.	1.20	10.00

HEUCHERA.

Sanguinea. Rosy red blooms, very free flowering. 15 in. Blooms in May.	1.20	10.00
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HIBISCUS, Mallow.

Giant Flowering. A wonderfully improved form of native Marshmallow or Rose Mallow. Separate colors, Pink, Red and White. August and September. 4 to 5 ft.	.95	8.00
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HYDRANGEA.

Blue Prince. Large blue flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about 1 Tablespoon per plant of aluminum sulphate.	5.00	40.00
2 year dormant stock	1.40	12.00

IBERIS, Hardy Candytuft.

Gibraltarica. Very desirable dwarf plant with evergreen foliage, covered by dense heads of flowers in early Spring. Height 8 in.	1.15	9.00
Sempervirens. Literally covered with a sheet of white in May and June. Dwarf, evergreen foliage. 8 in.	1.20	10.00

LATHYRUS LATIFOLIUS. Perennial or Everlasting Pea.

This lovely trailing plant blooms all summer. In separate colors, Crimson King; Rose Queen; White Queen.	1.15	9.00
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PERENNIALS—Continued

		Per 10	Per 100
LIATRIS, Blazing Star or Gay-Feather. (RG)			
<i>Spicata.</i> A good clear purple blooming before Pycnostachya. Spikes about 3 feet in height.		\$ 1.15	\$ 9.00
LILY OF THE VALLEY			
Extra strong plants with long roots. Fine foliage and profuse bloomers.			
Pips	.35	3.00	
Clumps, dug with original soil.	2.40	20.00	
LOBELIA			
<i>Cardinalis</i> (Cardinal Flower). Rich fiery cardinal flowers. 36 inches.	1.40	12.00	
LUPINES.			
<i>Russell Lupines.</i> This is an improved strain of Russell Lupines acclimated to the United States. Spikes 3 to 5 feet tall with extraordinary color combinations.	1.40	12.00	
LYCHNIS, Champion (RG)			
<i>Chalcedonica</i> (Maltese Cross), vivid scarlet flowers. 36 inches.	1.20	10.00	
MATRICARIA, Double Mayweed, Feverfew (RG)			
<i>Capensis.</i> Striking double golden yellow. 8 inches.	1.20	10.00	
MONARDA, Bee Balm.			
<i>Didyma.</i> Cambridge Scarlet. Aromatic foliage, bright scarlet flowers, profuse bloomer. June until August. 2 ft.	1.40	12.00	
<i>Salmon Queen.</i> Attractive salmon-pink flowers. Aromatic foliage. July to August. 2 to 3 feet.	.95	8.00	
MYOSOTIS, Forget-me-not (RG).			
Lovely flower, familiar to almost everyone. Blooms in early spring.			
<i>Palustris</i> (Alpine Forget-Me-Not.) Tiny blue flowers. Blooms all summer. 8 in.	1.15	9.00	
<i>Suttons Royal Blue.</i>	1.20	10.00	
NEPETIA, Ground Ivy, Catmint (RG)			
<i>Mussini.</i> Neat bushes of small lavender like foliage covered with terminal spikes of lavender blue flowers, both foliage and flowers aromatic. 1 ft.	1.20	10.00	
OENOTHERA, Evening Primrose (RG)			
Make continuous display of color in rock garden.			
<i>Missouriensis.</i> Lovely yellow solitary flowers often 4 in across. Low grower with prostrate ascending branches, profuse bloomer. June to August. 10 in.	1.20	10.00	
PACHYSANDRA, Japanese Spurge. (RG).			
<i>Terminalis.</i> Dense mats of glossy green foliage, with small spikes of light colored flowers during May and June. Used to cover shady places. 6 to 8 inches. Strong 2 year plants.	1.20	10.00	

PAPAVER ORIENTALIS

These named varieties of Oriental Poppies, with the exception of Hybrids, are grown from root cuttings. They have been twice transplanted, ensuring a heavy plant with good root system. Available for IMMEDIATE shipment.

	Per 10	Per 100
<i>Betty Ann.</i> Beautiful crinkled flowers of LaFrance pink, no blotches. 24 in.	\$ 1.80	\$15.00
<i>Cerise Beauty.</i> Large cerise-pink blooms with crimson center. 32 in.	1.80	15.00
<i>Flashy Glow.</i> Yellow with orange cast.	1.80	15.00
<i>Gold of Ophir.</i> Golden-orange developing into the nearest yellow of any variety. 28 in.	2.10	18.00
<i>Jeannie Mawson.</i> Huge flowers of Geranium pink. 32 in.	1.80	15.00
<i>Joyce.</i> Cherry-red flowers on tall stems. 48 in.	1.80	15.00
<i>Mandarin.</i> Large flowers of cherry-red without spots. 30 in.	1.80	15.00
<i>Mrs. Georgiana Potts.</i> Soft shade of orange with tinge of red.	1.40	12.00
<i>Nancy.</i> Deep crimson with black blotches. 28 in.	1.80	15.00
<i>Negrillon.</i> Deep Bordeaux red, almost mahogany, changing to bronze. 30 in.	2.10	18.00
<i>New Perfection.</i> Shell pink with purple-black stamens. 36 in.	1.80	15.00
<i>Olympia.</i> Double, orange-scarlet flowers. Early bloomer. 33 in.	1.40	12.00
<i>Red Flame.</i> Lacquer red flowers of medium size, best shaped of all varieties. 30 in.	1.80	15.00
<i>Welcome.</i> Shiny ruffled flowers of vivid red. 40 in.	1.80	15.00
<i>Oriental Hybrids.</i> Scarlet-crimson with black spots at base of petals.	1.10	9.00
PENTSTEMON, HARDY.		
<i>Garnet.</i> First of a new strain of hardy, large flowering Pentstemons. Of spreading habit. June until stopped by frost. Rich garnet color. 12 to 18 inches tall. Six to a dozen spikes continually open throughout flowering season. Excellent for cutting. (Advertised at per 3, \$1.50; per doz., \$4.50; per 100, \$30.00)	1.80	15.00
<i>Pubescens.</i> Violet purple, lips white. 18 inches.	1.20	10.00

PERENNIALS—Continued

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. Most of our plants are strong, one year old, which we recommend very highly. Two year plants are very woody and are hard to transplant.

Phlox can be transplanted from the middle of September until the ground freezes up, or can be planted in the spring just as early as the ground thaws out.

PLEASE NOTE the grade we are listing is strictly No. 1 grade. We have No. 2 grade plants which are not quite heavy enough for No. 1 specifications which can be purchased from us at 2¢ per plant discount.

	Per 10	Per 100
Africa. Brilliant carmine red with blood red eye. Large florets.-----	\$ 1.20	\$10.00
Annie Laurie. New variety. Large trusses of salmon-pink.-----	1.40	12.00
Augusta. (Plant Patent No. 252). The finest cherry red Phlox ever introduced. Medium height, about 2½ ft. Blooms for a period of two months. (Advertised at: 50¢ each: \$1.50 per 3; \$4.50 per 12).-----	2.50	18.00
Beacon. Large, full trusses of brilliant cherry-red, with wine-red eye.-----	.95	8.00
Border Gem. A beautiful deep purple Phlox. Does not fade.-----	1.70	14.00
Caroline Van de Berg. Large flowers of very striking blue. The best "blue" to date.-----	1.70	14.00
Champs Elysee. Compact heads of rich purple. 24 in.-----	.95	8.00
Charles Curtis. The color is outstanding and difficult to describe. Sunset red probably comes nearest to it. It is a fine strong grower about 2½ to 3 ft. tall. Has good clean foliage. The flower head is large.-----	2.50	18.00
Chieftain. Here is a color in Phlox rarely seen—the color of a precious ruby. Good, strong flower trusses.-----	1.40	12.00
Columbia. (Plant Patent No. 116). The finest light pink Phlox ever introduced. Delicate cameo-pink with faint blue shading at center. (Advertised at \$1.45 per 3; \$4.75 per 12). July to frost.-----	2.50	18.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in across. No other Hardy Phlox produces florets so large. 3½ feet high.-----	1.40	12.00
E. J. Farrington. Salmon-pink with a deep rosy-red blush. Excellent for cutting. 24 inches.-----	1.20	10.00
Eva Forester. Large heads of 30 to 40 individual flowers at one time. Flowers clear pink and 1¼ inches across.-----	1.40	12.00
F. G. Von Lassburg. A tall white Phlox blooming in mid-season.-----	1.00	8.00
Fuerbrand. Clear, rich, brilliant orange-scarlet, almost vermillion.-----	1.40	12.00
George Stipp. Deep, glowing salmon with shaded lighter eye, fragrant, outstanding variety.-----	1.40	12.00
Gen. Petain. Deep wine red, with large, beautiful shaped flowers.-----	1.40	12.00
H. B. May. Large spikes of bright pink. Very large flowers.-----	1.40	12.00
Hauptman Koehl. Glowing, full-toned red. Finest red Phlox propagated today. Large compact trusses on strong stems. 24 inches.-----	1.40	12.00
Irene. Cherry red, very brilliant.-----	1.40	12.00
Leo Schalegeter. Scarlet-carmine with orange cast. 3 ft. The finest red phlox in existence.-----	1.40	12.00
Lillian. Exquisite pure pink without any trace of magenta or rose. Large florets, flower heads of good size, borne in remarkable profusion.-----	1.70	14.00
Mary Louise. This is the best white Phlox in existence. Pure white with large heads. Individual florets are 2 inches, as large as any other white Phlox. Very fragrant, prolific bloomer.-----	1.70	14.00
Morganrood. Rose-pink, slightly deeper eye. Large florets. 2½ to 3 ft.-----	1.20	10.00
Mrs. Ethel Pritchard. French-mauve colored phlox. Flowers freely.-----	1.20	10.00
Mrs. Harding. A deep salmon-pink Phlox. Outstanding in its color.-----	1.70	14.00
Mrs. Jenkins. One of the old standbys. Pure white.-----	1.00	8.00
Pantheon. A deep salmon-rose Phlox, very fragrant. 30 in.-----	1.00	8.00
P. D. Williams. Bright pink with rose center. Extra large florets. One of the best pinks, pyramidal trusses. Grows compactly, retains color unmarred and unbleached through the entire summer and fall. 2½ ft.-----	1.40	12.00
Pink Darling. Good pink, large, individual flowers. Well filled heads.-----	1.40	12.00
Prime Minister. This is the best of all bi-colored whites. Extra large florets of clear white with violet eye.-----	1.20	10.00
R. P. Struthers Improved. Rich salmon-pink with scarlet eye. Large well filled trusses.-----	1.00	8.00
Rheinlander. Salmon pink with carmine eye.-----	1.00	8.00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.-----	1.20	10.00
Rosenberg. Deep violet-cerise with slightly darker center.-----	1.15	9.00
San Antonio. Vivid, carmine shaded plum-red. 36 in.-----	1.20	10.00

PERENNIALS—Continued

	Per 10	Per 100
PHLOX PANICULATA—Continued		
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.	\$ 1.20	\$10.00
Starlight. Rich violet with an almost perfectly shaped white star in the center. Strong growing, free blooming.	1.40	12.00
Sweetheart. Very fine appleblossom pink, large florets.	1.40	12.00
Wanadis. White, light violet shading with purple eye.	1.00	8.00
Wm. Kesselring. Deep plum-purple, shading to a dainty lilac eye.	1.00	8.00
PHLOX SUBULATA, Moss or Mountain Pinks.	1.20	10.00
An early spring flowering type, with moss-like, evergreen foliage. Blooms in April and May. Excellent for rockery and borders and carpeting the ground or covering graves.		
Alba , pure white, very compact.		
Atropurpurea. Deep, carmine-red. Very brilliant.		
Blue Hill. Pale blue, flowers freely.		
Rosea. Rose-pink. Blooms profusely.		
PHYSALIS, Chinese Lantern Plant. (RG)		
Francheti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.	1.00	8.00
PHYSOSTEGIA, False Dragon Head.		
Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Mid-September. Decidedly colorful.	1.00	8.00
PLATYCODON, Balloon Flower (RG)		
Blooms all summer. 12 in. Separate colors, Blue and white.	1.15	9.00
PLUMBAGO.		
Capensis. Dwarf spreading habit. Excellent for border or rock garden. 6 to 8 inches high covered with deep blue flowers.	1.40	12.00
PYRETHRUM, Painted Daisy (RG)		
Hybridum Roseum. Abundant bloomer. Wide range of colors from pure white to deep crimson. June to October. Good cut flower. Interesting foliage. 18 inch.	1.20	10.00
Hybridum Roseum Atrosanguineum. Same as Roseum, only the blooms as a rule are darker shades. 18 in.	1.20	10.00
Double Choice Mixed. This mixture contains many shades of pink, red and white. A splendid garden mixture.	1.40	12.00
Robinsons Dark Crimson. Flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	1.20	10.00
RUDBECKIA, Coneflower.		
Hardy plants, adapted for the border. Well suited for cutting.		
Sass Golden Globe. This is an improved Golden Glow, produces large masses of large, golden double yellow flowers in July and August. 6 in.	1.15	9.00
Purpurea. Reddish purple flowers with very large black cone for center. July to October. 2 ft.	1.00	8.00
SALVIA, Meadow Sage.		
Azorea Grandiflora. Azure colored large flowers. August to September. 5 ft.	.80	7.00
SCABIOSA, Pin Cushion Flower.		
Caucasica (Blue Bonnet). Soft, lovely shade of lavender blue. Equally good for border or cut flowers. June to September. 18 in.	1.20	10.00
Fisheri. Rich, violet-blue flowers 2½ in across, 20 inches high.	1.40	12.00
SAXIFRAGA.		
Cordifolia. Large, leathery leaves of russet-green. Round bright-rose flowers rising on stocky, six-inch stems. One of the first to welcome the spring.	1.40	12.00
SEDUM, Stone Crop or Live Forever (RG)		
America's Greatest Rock Plant. Thick, glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.	1.10	9.00
Anglicum. White. Tiny, moss-like carpeting plant. Profuse bloomer. Early summer.	1.10	9.00
Creslatum. Small round foliage of medium green.	1.10	9.00
Ewersii. Rosy-purple flowers, blue-gray leaves, stocky plants. Deciduous. Early. 8 to 10 in. stems.	1.10	9.00
Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.	1.10	9.00
Lydicum Glaucum. Blush, very fine rock plant. Very odd. All summer. 6 in.	1.10	9.00

PERENNIALS—Continued

SEDUM—Continued

	Per 10	Per 100
Murale. Evergreen foliage, reddish-purple. White flowers with pink center. 4 to 8 inches.	\$ 1.10	\$ 9.00
Oppositifolium. Bright green foliage with rose bloom. July. 4 in.	1.10	9.00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	1.10	9.00
Spectabile Brilliant. Bright amaranth-red. Erect grower. Gray-green leaves. August and September. 18 inches.	1.20	10.00
Spectabile Rose. Immense heads of showy rose colored flowers. Light green foliage. Late. 18 inches.	1.20	10.00
Spurium Roseum. Purplish-red. July and August. 6 inches.	1.10	9.00
Stoloniferum. Purplish pink. July and August. 6 inches.	1.10	9.00
Subulatum. Dwarf. Round foliage. Early Summer. 4 to 6 inches.	1.10	9.00
Turkestanicum. Round foliage of dark green. White flowers on 6 to 8 inch stems.	1.10	9.00

SEMPERVIVUM. *Houseleek.* (RG)

Sometimes known as Hen and Chickens . Plants especially good for Rock Garden. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.		
Atroviolaceum. The largest of the entire group. Beautiful rosette of deep purplish red leaves almost 4 inches in diameter when fully grown. 8 in.	1.00	8.00
Bossier. Leaves are deep green tipped reddish-purple, forming a beautiful rosette, 6 inches to 8 inches in diameter when fully grown. 4 inches.	1.00	8.00
Rubrum. Leaves of dark green turning to red in fall. Rapid spreader.	1.00	8.00

SPIREA, Goat's Beard, Meadow Sweet (RG)

Filipendula (Dropwort). White flowers produced in abundance on stems 15 inches high. Fern-like foliage. June and July.	1.80	15.00
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STATICE, Great Sea Lavender (RG) August.

Latifolia. Blue. These plants have broad leathery leaves, producing candelabra-like heads. If cut in full bloom, make a very valuable winter bouquets. 18 in.	1.20	10.00
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STOKESIA, Cornflower Aster.

Blue Moon. Large and free flowering. Perfectly hardy. Vivid, blue disc- like flowers. Blooms throughout summer and autumn. Flowers five to six inches in diameter. 12 to 18 in. tall.	1.80	15.00
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SWEET WILLIAM (See *Dianthus Barbatus*)

THERMOPSIS.

Caroliniana. A lupine-like plant with rich green foliage. Yellow pea-like flowers produced on racemes, 6 to 12 inches long. June and July.	1.20	10.00
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THYMUS, Thyme (RG)

Serpyllum Coccineum. Dark red flowers, covering the plant completely. Creeping habit, hairy foliage, which is fragrant. June-July.	1.20	10.00
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TRITOMA, Kniphofia, Red Hot Poker (RG)

This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
Pfitzeriana. This is the genuine Red Hot Poker. Rich, orange-scarlet blooms on stems 3 ft. high. Must be grown from divisions. August to October.	1.20	10.00

TROLLIUS, Globeflower.

Lebedourii Golden Queen. Very vigorous grower. The outer petals are a rich golden and the smaller petals near the center are intense orange. The flowers are 4 inches across.	1.80	15.00
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VERBENA, HARDY (RG)

Pink. This is a truly wonderful perennial. Blooms from early spring until frost. Excellent ground cover needing a little protection through the winter.	1.20	10.00
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VERONICA, Speedwell (RG)

Blue Spire. Foliage is clean. Plant is bushy, upright habit and flowers are deep blue. 2 ft. high.	1.20	10.00
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VINCA, Periwinkle or Trailing Myrtle.

Minor. Evergreen plant of trailing habit, splendid for use as a ground carpet under shrubs or trees. Grows very well where it is too shady for other plants.	.80	7.00
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VIOLA, ODORATA, Sweet Violet (RG)

Fry's Fragrant. An old English strain of perpetual flowering violets. Blooms early in the spring and again in the fall. Flowers extra large, deep purple and very fragrant, excellent for forcing.	1.20	10.00
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YUCCA Adam's Needle (RG)

Filamentosa. Creamy yellow. 6 ft. This plant, with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or Rockery work and stands out among all other plants.	1.15	9.00
2 year		
1 year	.95	8.00

PERENNIALS—Continued

OLD FASHIONED KITCHEN HERBS

Due to the shortage of shipping facilities, spices and Herbs which formerly came from the Middle East, are now hard to secure. For that reason, we are offering a rather complete list of these items.

		Per 10	Per 100
Chive, Wild Onion.	Finely chopped leaves gives a delicious flavor to salads.	—\$ 1.00	\$ 8.00
Horseradish.	A condiment used in seasoning meats.		
3 inch cuttings		.25	2.00
Crowns		.60	5.00
Mother of Thyme.	Leaves used medicinally and for seasoning meat and fish sauces.	1.50	12.00
Sage, Old Fashioned.	Used for seasoning sausages and dressing.	1.20	10.00
Savory, winter.	Leaves used for seasoning meats, sausages and vegetable dishes	1.50	12.00
Peppermint.	Fresh leaves used to flavor sauces and iced drinks, particularly "Kentucky Mint Julips"	1.00	8.00
Sweet Majoram.	Fresh leaves used for seasoning sausages, vegetable dishes and salads.	1.50	12.00
Tarragon "Epicure".	Used by the French people in seasoning salads and making vinegar. Delicious in Jello and fruit cups.	1.50	12.00

LILIES

The following lilies are all American grown, most of them are grown here at Shenandoah. Our soil seems very well adapted for the growing of this certain type of bulb. Size specified on the grade is circumference of the bulb.

		Per 10	Per 100
Concolor (Morning Star Lily).	Excellent Rock Garden lily. Red, star shaped flowers, flecked with black at base of petals. Blooms June-July. Planting depth 3 inches. Available September 25th.		
Flowering size bulbs.		\$ 0.95	\$ 8.00
Elegans Tip Top (Red Russian Lily).	Deep, red blooms, June-July. Planting depth 5 inches. Available October 1st to 10th.		
4 to 6 inches		1.20	10.00
6 to 7 inches		1.80	15.00
Henryi (Chinese Show Lily).	Golden orange, spotted bronze. Profuse bloom, blooms August-September. Planting depth 7 inches. Available October 10th to 15th.		
4 to 5 inches		1.40	12.00
5 to 6 inches		1.80	15.00
Pardalinum Giganteum (Sunset Lily).	Orange copper with deep purple spots. Blooms July. Planting depth 6 inches. Available late October.		
5 to 6 inches		1.80	15.00
Philippinense Formosanum (Philippine Lily)	Large, trumpet-shape flowers, similar to Regal lily. Tinted purple-pink outside, very fragrant. Blooms July. Planting depth 4 inches. Available late October.		
5 to 6 inches		1.80	15.00
Regale. (Tibet).	Large white flowers, suffused pink with canary-yellow throat. Very fragrant blooms in July. Planting depth 5 inches. Available late September.		
3 to 4 inches		.60	5.00
4 to 5 inches		.70	6.00
5 to 6 inches		.95	8.00
6 to 8 inches		1.40	12.00
Tenuifolium (Coral Lily).	Vivid scarlet, excellent rock garden variety. Blooms May-June. Planting depth 6 inches. Available late September.		
Flowering size bulbs, No. 1		.95	8.00
Tenuifolium (Golden Gleam).	Similar to Tenuifolium except flowers are golden-yellow. Blooms June. Planting depth 3 inches. Available late September.		
Flowering size bulbs, No. 1		.95	8.00
Tiger Double.	This is a full, double flowering variety. Blooms slightly later than the single. Planting depth 5 inches. Available late September.		
3 to 4 inches		.60	5.00
4 to 5 inches		.80	7.00
5 to 6 inches		.95	8.00
6 to 8 inches		1.40	12.00
Tiger Single.	Flowers rich salmon-orange, spotted deep mahogany blooms in August. Planting depth 5 inches. Available late September.		
3 to 4 inches		.60	5.00
4 to 5 inches		.80	7.00
5 to 6 inches		.95	8.00
6 to 8 inches		1.40	12.00

CANNAS

Our Cannas are all strong 3 and 5 eye divisions, properly matured and cured so as to give you the best possible results.

PINK FLOWERS WITH GREEN FOLIAGE

	Per 100	Per 1000
City of Portland. The leading pink, green foliage. 4 ft tall. Large flowers of watermelon-pink conceded THE pink. -----	4.50	\$40.00
Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of Pink Cannas.-----	4.50	40.00
Rosamond Cole. 4 ft. A choice Canna, green foliage, large flowers, variegated with the color of a rainbow. A leader among Cannas.-----	4.50	40.00

RED FLOWERS WITH GREEN FOLIAGE.

	4.50	40.00
Firebird. 4 ft. Dark green foliage. Large deep red flowers.-----	4.50	40.00
Mme. Crozy. A dwarf. One of the finest Little Cannas. Large heads of red with a variegated border one-eighth inch wide, of orange, green foliage. -----	4.50	40.00
The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease. -----	4.50	40.00
Wintzer's Colossal. 5 ft. Green foliage. Without a doubt the largest flowered Canna yet produced. Flowers of vivid scarlet. Sometimes measures eight inches across. -----	4.50	40.00

YELLOW FLOWERS WITH GREEN FOLIAGE.

	4.50	40.00
Apricot. 3½ ft. tall. Green foliage with lovely heads of apricot. Without a doubt one of the grandest Cannas. -----	4.50	40.00
Kate Gray. 5 feet. Long flower spikes of orange. Green foliage. A real good one. -----	4.50	40.00
Richard Wallace. 4 ft. Green foliage, canary-yellow flowers. One of the best yellows. -----	4.50	40.00
Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage. -----	4.50	40.00

BRONZE FOLIAGE VARIETIES.

	5.00	45.00
Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful. -----	5.00	45.00
Statue of Liberty. 6 to 7 ft. Blazing flame-red. -----	5.00	45.00

Wyoming. 5 ft. Purple foliage. True orchid-flowering variety with magnificent orange-colored flowers. -----

Practically all cannas are sold for Canna Bed Planting. With this in mind we have to offer the following suggested Canna beds, which you can talk and sell to your customers.

DAHLIAS

Our Dahlias are all Shenandoah grown, good, strong, healthy tubers with good necks and crowns. Our stock is carefully handled and guaranteed true to name.

CACTUS

	Per 10	Per 100
Chemar's Masterpiece. A large orchid pink. -----	1.20	\$10.00
Libelle. Beautiful aster purple. -----	1.00	8.00

DECORATIVES

Avalon. Beautiful clear yellow and the best of this color for commercial use. Fine form on long stems. Good show Dahlia. -----	1.00	8.00
Chautauqua Salute. Dazzling white. -----	1.50	12.00
Clara Barton. Face of petals silvery-orchid reverse of petals deep lavender. General effect lavender. -----	1.50	12.00
Clara Carder. Large, beautiful pink described as Cyclamen pink. One of the best. -----	1.80	15.00
Edwin Rindfusich. Large scarlet. -----	1.50	12.00
Francis Larocco. The standard and most popular commercial yellow. Profuse bloomer. -----	1.00	8.00
Galliant Fox. A commercial red highly regarded by many growers. Medium size flowers of velvety red. Heavy stem, good keeper. -----	1.20	10.00
Golden Bounty. Rich lemon yellow. -----	1.20	10.00
Golden Girl. Large flower of shimmering gold. -----	1.50	12.00
Harvest Moon. Blends gold rose and bronze. -----	1.00	8.00
Jane Cowl. Large, shaggy flower of coppery-yellow. Fine tall grower. Still considered by many as the most beautiful of all dahlias. -----	1.00	8.00
Jaurice. A giant purple crimson with fine long stems. Free flowering. A wonderful cut flower. -----	1.20	10.00
Jean Kerr. Pure white. The flowers are small, but many are produced on each plant. A good keeper and fine for floral work. Early, vigorous and insect resisting. -----	1.20	10.00

DAHLIAS—Continued

	Per 10	Per 100
Jersey Beacon. Chinese red with lighter shadings on reverse side which give a beautiful two-tone effect. Large flowers.-----	\$ 1.20	\$10.00
Jersey Beauty. This fine pink variety is still the most popular of all. Very profuse bloomer.-----	1.00	8.00
La Torreador. Vivid dashing red, profuse bloomer. Medium size, flat flower. Strong stem of medium length. One of the leading commercial red varieties.-----	1.00	8.00
Lida. Large yellow. Must be seen to be appreciated.-----	1.00	8.00
Margaret W. Wilson. Opalescent pink. Huge flowers of exhibition type.-----	1.00	8.00
Marshalls Beauty. Clear pink.-----	1.20	10.00
Mrs. A. E. Wheeler. Dark violet purple. Not well known as yet, but rapidly becoming very popular. Finest of the royal purple group.-----	1.20	10.00
Mrs. George LeBoutillier. Rich velvety carmine. Giant flowers on strong stems. A good bet for a leader among commercial reds.-----	1.80	15.00
Mrs. I. de Ver Warner. Orchid pink with very large flowers. Well known and very popular.-----	1.00	8.00
Mrs. Knudson. New White.-----	1.50	12.00
Nathan Hale. Charming combination of bronze, golden and buff.-----	1.00	8.00
Orange Jersey Beauty. Orange.-----	1.00	8.00
Oriental Glory. Cadmium orange overlaid with scarlet. Good stems and very free blooming. Winner of many prizes at various shows.-----	1.80	15.00
Parthos. Deep red flowers.-----	1.00	8.00
Polar Bear. Pure white large flowers.-----	1.00	8.00
Pride of California. Large crimson red.-----	1.20	10.00
Red Jersey Beauty. Bright red and similar in shape to Jersey Beauty.-----	1.20	10.00
Robert Scott. Apricot yellow. Long stems. Fine for cutting.-----	1.00	8.00
Rose Glory. Large rose pink, extremely free blooming. Popular.-----	1.00	8.00
Ruby Taylor. Deep Carmine.-----	1.80	15.00
Shades of Autumn. Crimson edged purple.-----	1.80	15.00
Shenandoah. This is a new maroon-red seedling of which we own the entire stock. The plants are large, 8 inches across without any extra care. This is the best we have seen for a good many years. Purely decorative.-----	1.80	15.00
Sunrays. Giant blooms of great depth and substance. The color is bright buff and apricot. Long, strong stems.-----	4.00	35.00
Sunrise Trail. Deep cardinal-tipped yellow.-----	1.20	10.00
The Commodore. Clear yellow blooms of a large size.-----	1.00	8.00
Watchung Giant. Deep amber yellow. Suffused orange carmine, with dark green foliage.-----	1.50	12.00
White King. The leading pure white with commercial growers. The flowers are of perfect form and the right size for cut flower use. Full centered.-----	1.00	8.00
Yellow Queen. Standard white.-----	1.00	8.00
Yellow Colossal. A gigantic flower, nine inches and more in diameter, of beautiful lemon yellow. Strong stems carry the flower erect above the foliage. A remarkable show bloom.-----	1.00	8.00
Yellow King. Canary yellow.-----	1.20	8.00
Decorative Mixed. -----	.70	6.00

DAHLIAS, MINIATURE AND POM POM

Amber Queen. Beautiful shade of rich amber. Pom Pom.-----	1.00	8.00
Baby Royal. Salmon pink with gold shadings. A beautiful little flower and very popular. One of the best. Pom Pom.-----	1.20	10.00
Belle of Springfield. Small red. Pom Pom.-----	1.00	8.00
Burnette. Maroon. Pom. Pom.-----	1.00	8.00
Catherine. A good, deep yellow. Pom. Pom.-----	1.00	8.00
Fairy. Violet rose tinted salmon. Min.-----	1.00	8.00
Gem. Rich, crimson. Very small perfect bloom. Pom. Pom.-----	1.00	8.00
Hazel. Buff to Brown. Pom. Pom.-----	1.00	8.00
Hedwig Polweg. Maroon red marked white. Pom. Pom.-----	1.00	8.00
Indian Chief. Wine red with white tips. Pom. Pom.-----	1.00	8.00
Indomitable. Deep Plum. Pom. Pom.-----	1.00	8.00
Lannie. Clear deep yellow. Min.-----	1.00	8.00
Little Harman. Red and white variegated. Pom. Pom.-----	1.00	8.00
Little Jewell. Apple blossom pink. Pom. Pom.-----	1.00	8.00
Morning Mist. Pale Lavender. Pom. Pom.-----	1.00	8.00
Prince Charming. Purple. Pom. Pom.-----	1.00	8.00
Rose Wilmoth. Deep rose-pink. Pom. Pom.-----	1.00	8.00
Sylvia. Carmine. Min.-----	1.00	8.00
Thorbie. Pleasing lavender tips on light yellow base. Pom. Pcm-----	1.00	8.00

DAHLIAS, SHOW.

A. D. Livoni. Shell pink.-----	1.00	8.00
Bonnie Blue. Bluish shading to lavender. Lovely coloring.-----	1.00	8.00
Bronze Beauty. Orange to bronze yellow, long stem and upright. Outstanding.-----	1.00	8.00
M. D. Hallock. Bright yellow tipped bronze.-----	1.00	8.00
Queen Victoria. Deep cream or soft yellow.-----	1.00	8.00
Robert Broomfield. Pure White. Effective in combinations.-----	1.00	8.00

GLADIOLUS

At the present time we are not quoting Gladiolus, although for spring trade we will offer an assortment of varieties in No. 1 and No. 2 grades. Prices will be quoted in our spring list.

TULIPS

Order in Multiples of 250 Per Variety	Per 100	Per 1000
Clara Butt (Darwin). Lovely salmon-pink.	\$ 6.00	\$55.00
Farncombe Sanders (Darwin). Popular bright scarlet.	6.00	55.00
Inglescombe Yellow (Cottage). Clear golden-yellow.	6.00	55.00
La Tulipe Noire (Darwin). Dark maroon, almost black.	6.00	55.00
Pride of Haarlam (Darwin). Brilliant deep crimson.	6.00	55.00

MISCELLANEOUS BULBS

AMARYLLIS.

These popular bulbs will bear blooms of immense proportion, of excellent form, with a brilliancy and range of color. We offer selected, improved H. S. strain, California grown bulbs, 2½ to 3 inches.

	Per 10	Per 100
Scarlet	4.00	35.00
Red	4.00	35.00
Variegated, white with pink stripes	4.00	35.00
Mixed Bulbs	3.00	25.00

BEGONIAS, Tuberous Rooted, Camellia Flowering.

Are assuming their old popularity. They are valuable for planting as a pot plant or for outdoor bedding in shaped locations.

Separate Colors, 1½ to 1½ inch diameter.	1.50	12.00
Red Pink Yellow Bronze		

BEGONIAS, Tuberous Rooted.

Pink Flowering, 1½ to 1½ inch diameter

1.50 12.00

CALADIUM

Esculentum. 5 to 7 inches.	.70	6.00
Fancy Leaved. These colorful plants have grown very popular the last few years. The leaves are spotted and veined with brilliant markings. Sometimes called picture-leaved Caladinums. Mixed. 1½ to 2 inches.	1.40	12.00

CALLA LILY.

Elliottiana. Yellow. 2 to 2½ inches.	1.50	12.00
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CINNAMON VINE. (Chinese Sweet Potato).

Tuberous rooted plants producing multitudes of waxy, heart-shaped leaves. Excellent for trellis work.

.95 8.00

MADERIA VINE

A tuberous bulb producing a multitude of viny growth, a very prolific grower.	.40	3.50
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TUBEROSES (RG)

Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August. No. 1 size.	.40	3.50
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NURSERYMEN'S SUPPLIES

Due to uncertainty of prices and securing delivery, we are unable to offer our usual listings of nurserymen's supplies. If in need of certain supplies, write for prices and complete information.

BOXING CHARGES

30x30x12	\$5.75	24x24x10	\$4.50	20x20x8	\$3.25
30x30x10	5.00	24x24x8	4.00	20x20x6	2.50
30x30x8	4.50	24x24x6	3.25	16x16x10	3.00
30x30x6	3.75	20x20x12	4.25	16x16x8	2.50
24x24x12	5.25	20x20x10	3.50	16x16x6	2.25

CORRUGATED BOXES

48x20x20	\$1.00	36x14x6	\$0.45	14x9x9	\$0.25
48x16x16	.85	30x8x8	.25	11x8x6	.20
36x15x15	.60	16x12x6	.25		

BALES will be charged at actual cost.

INDEX

A

Name	Page
Acanthopanax	23
Almond Flowering	23
Althea	23
Amaryllis	81
Amelanchier	23
Amorpha	23
Ampelopsis	41
Apple	1-2
Apple Seedlings	7
Apricots	4
Aquilegia	69
Aralia	23
Arbor Vitae	43-44-53
Aristo	41
Aronia	23-24
Ash	8-11
Asparagus	6
Aster	69-70

B

Baby's Breath	73
Barberry	24-40
Beauty Bush	32
Begonia	81
Bignonia	41
Birch	11
Bittersweet	41
Blackberries	6
Bleeding Heart	72
Boston Ivy	41
Box Elder	8-16
Boysenberry	6
Buckthorn	8-25
Buddleia	25-26
Bulbs	79-80-81
Buffaloberry	26
Butterfly Bush	25-26

C

Caladium	81
Callicarpa	26
Calycanthus	26
Campanula	70
Cannas	79
Caragana	8-26-40
Catalpa	8-11-12
Celastrus	41
Cephalanthus	26
Cherries	2-3
Cherry Seedlings	7
Chrysanthemums	70-71
Chionanthus	27
Cinnamon Vines	81
Clematis	41-42
Coreopsis	71
Cornus	27
Corylus	28
Cotoneaster	28
Crab, Flowering	12-13
Crataegus	20-21
Currants	5-36
Cydonia Japonica	28

D

Dahlias	79-80
Daphne	28
Deciduous Trees	11-22
Deciduous Tree Seedlings	8-9-10-11
Delphinium	71
Desmodium	32
Deutzia	28-29
Dewberries	6
Dianthus	71-72
Dicentra	72
Digitalis	72
Dogwood	27

E

Name	Page
Elaeagnus	11-20-29
Elder	29
Elm Seedlings	8
Elm Trees	13-14
Euonymus	29-30-42
Evergreens	43-53
Exochorda	30

F

Ferns	72
Fir	44-50
Flowering Cherry	12
" Crab	12-13
" Peach	19
" Plum	20
Forsythia	30
Fringe	27
Fuschia	72
Fruit Tree Stocks	7

G

Gaillardia	72
Gladiolus	81
Gooseberries	5
Grape Vines	5
Gypsophila	73

H

Hackberry	9-14
Hamamelis	30
Hansen's Bush Cherry	3-19
Hazelnut	28
Hedging	35-40
Hedera	42
Hemerothallis	73
Herbs	78
Highbush Cranberry	39
Hollyhock	69
Honeysuckle	30-31-40
Honeysuckle Vines	42-43
Horse Chestnut	15
Horseradish	6
Hydrangea	31-73
Hypericum	31

I

Ilex	31
------	----

J

Japan Quince	28
Juneberry	23
Junipers	44-45-46-47-48-50-51

K

Kentucky Coffeetree	15
Kerria Japonica	32
Kolkwitzia	32

L

Larch	51
Lespedeza	32
Lilac	32-33
Lilies	72-73-78-81
Lily of the Valley	74
Linden	15
Locust Black	9-16
Locust Honey	9-14
Lupines	74

M

Maderia Vines	81
Mahaleb Seedlings	7
Maple	9-16-17
May Day Tree	19
Mountain Ash	17
Mulberries	4-9
Myrobalan	7

N

Ninebark	34
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O

Oak	9-10-17-18
Osage Orange	10

P

Name	Page
Peach	4
Peach Pits	7
Pecan	18
Pear	3
Pear Seedlings	7
Peonies	66-67-68
Perennials	69-77
Persimmon	18
Philadelphus	33-34
Physocarpus	34
Pine	48-52-53
Plum	3-4
Plum Seedlings	7
Polygonum	43
Poppies	74
Phlox	75-76
Poplar	10-18-19
Privet	35
Prunus Flowering Plum	19-20

Q

Quince	4-23
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R

Raspberries	6
Red Bud	20
Red Cedar	47-48-51
Rhodotypos	35
Rhubarb	6
Rhus	35-36
Ribes	36
Rose Acacia	36
" Baby	57
" Climbing	60-61
" Floribunda	58
" H. P.	57
" Hybrid Tea	54-55-56
" Misc.	58-59
" Rugosa	58-59
" Patented	62-65
" Stocks	7
Russian Olive	10-20-29

S

Salix	36
Shrubs	23-40
Silver Lace Vines	43
Small Fruits	5-6-7
Snowball	39
Snowberry	38
Sorbaria	36
Spiraea	36-37-38-40
Spruce	49-52
Strawberries	7
Sumac	35-36
Sycamore	20
Symporicarpos	38
Syringa (Mock Orange)	33-34
Sweet Williams	71

T

Tamarix	38-39
Taxus	49
Thorn	20-21
Tritoma	77
Trumpet Vine	41
Tuberoses	81
Tulips	81
Tulip Tree	22

V

Viburnum	39-40
Vines	41-43
Viola	77
Virginia Creeper	41
Vitex	40

W

Walnut	10-22
Weigela	40
Willow	22
Wisteria	43
Witchhazel	30

Y

Yew	49
Youngberry	6
Yucca	77